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ABSTRACT

This occasional paper is intended to serve as a supplement to the larger annual volume, "Monitoring the Future National Survey Results on Drug Use, 1975-2000: Volume 1: Secondary School Students." This supplement contains the graphic presentation of the trends in drug use for various demographic subgroups, namely those defined by gender, college plans, region of the country, population density, education level of the parents, and racial and ethnic identification. It presents trend data for 12th grade respondents from 1975, the first year nationally representative samples of high school seniors were obtained. Data are also presented on 8th and 10th grade students from 1991, the first year they were added. Two appendixes from the larger volume are included for the convenience of the reader. Appendix D contains the numerical information upon which these graphs are based. Appendix B contains detailed information of the demographic categories being used. (Contains 151 figures) (JDM)

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paper 53

DEMOGRAPHIC SUBGROUP TRENDS FOR VARIOUS LICIT AND ILLICIT DRUGS

1975-2000

Lloyd D. Johnston
Patrick M. O'Malley
Jerald G. Bachman

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Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975 about 17,000 seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. In addition, subsamples of seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

A full listing of occasional papers and other study reports is available from Monitoring the Future, Institute for Social Research, The University of Michigan, P.O. Box 1248, Ann Arbor, MI 48106.

Demographic Subgroup Trends for Various Licit and Illicit Drugs

1975-2000

Monitoring the Future Occasional Paper 53

Lloyd D. Johnston, Ph.D.
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Jerald G. Bachman, Ph.D.

The University of Michigan
Institute for Social Research
Ann Arbor, MI
2001

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Introduction

This occasional paper is intended to serve as a supplement to the much larger annual volume, *Monitoring the Future national survey results on drug use, 1975-2000: Volume I, Secondary School Students*[1]. That volume contains in its Appendix D tabular data on trends for various demographic subgroups for the many drugs covered in the study. This Occasional Paper 53 contains the graphic presentation of those trends for the same demographic subgroups—namely, those defined by gender, college plans, region of the country, population density, education level of the parents (a proxy for socioeconomic level), and racial/ethnic identification of the respondent.

Trend data are presented here for 12th grade respondents since 1975, the first year in which nationally representative samples of high school seniors were surveyed. For the 8th and 10th grades, both of which were added to the study design in 1991, trend data are presented since then.

For the numerical information upon which these graphics are based, see the relevant tables in Appendix D contained here (and which is a duplicate of Appendix D in the full volume). For detailed definitions of the demographic categories being used, see Appendix B in this occasional paper (which replicates Appendix B in the full volume). These two appendices have been included here for the convenience of the reader.

This Occasional Paper is only available in electronic form on the Study's Web-site, www.monitoringthefuture.com. The larger Volume I, which it supplements, is available both on the Web site and in printed form. For more detail on the study's design and procedures, see that volume.

These graphic presentations were not included as an integral part of Volume I because of their length and because of the advantage of presenting the trend lines in color, which is not currently an option on the printed edition of Volume I.

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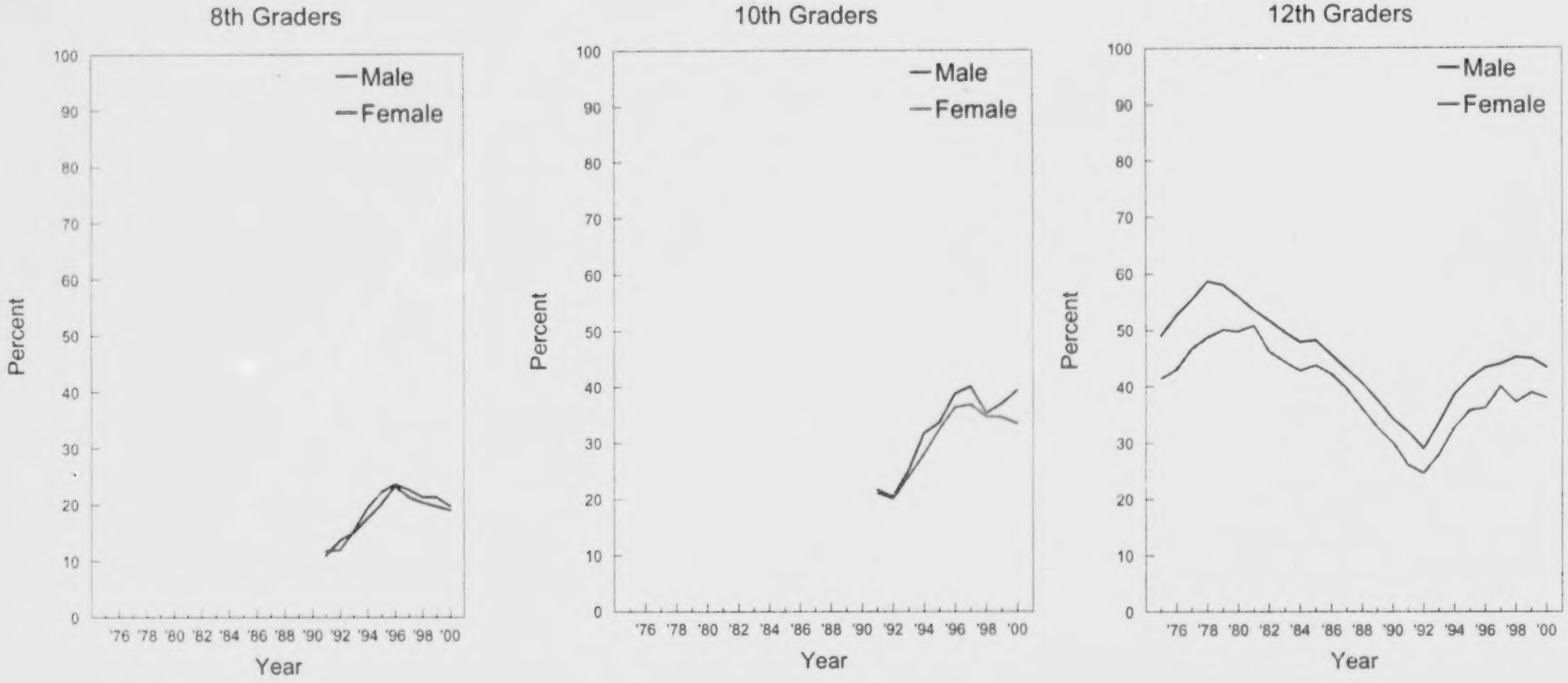
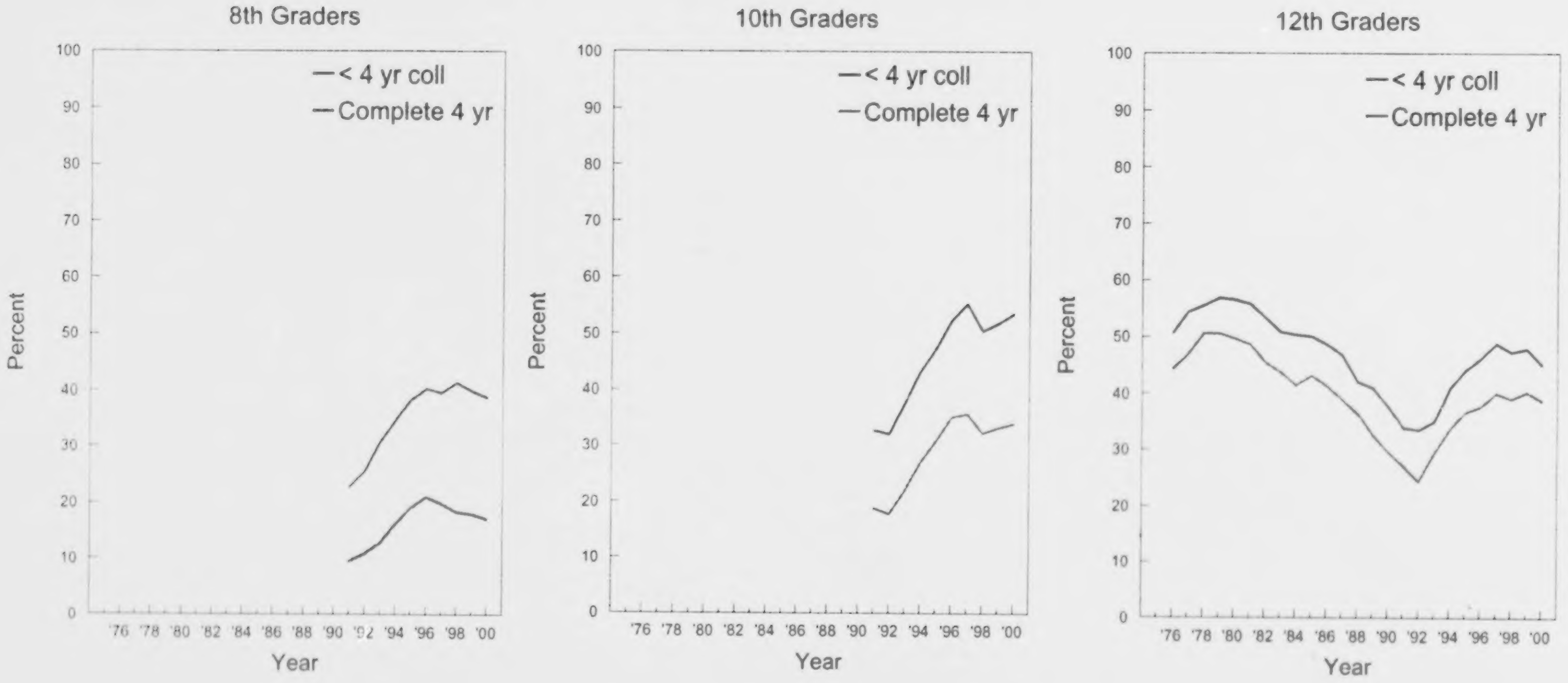
[1] Johnston, L.D., O'Malley, P.M., & Bachman, J.G. (2001). *Monitoring the Future national survey results on drug use, 1975-2000: Volume I, Secondary School Students.* (NIH Publication No. 01-4924). Bethesda, MD: National Institute on Drug Abuse.

Any Illicit Drug: Trends in Annual Prevalence by Gender



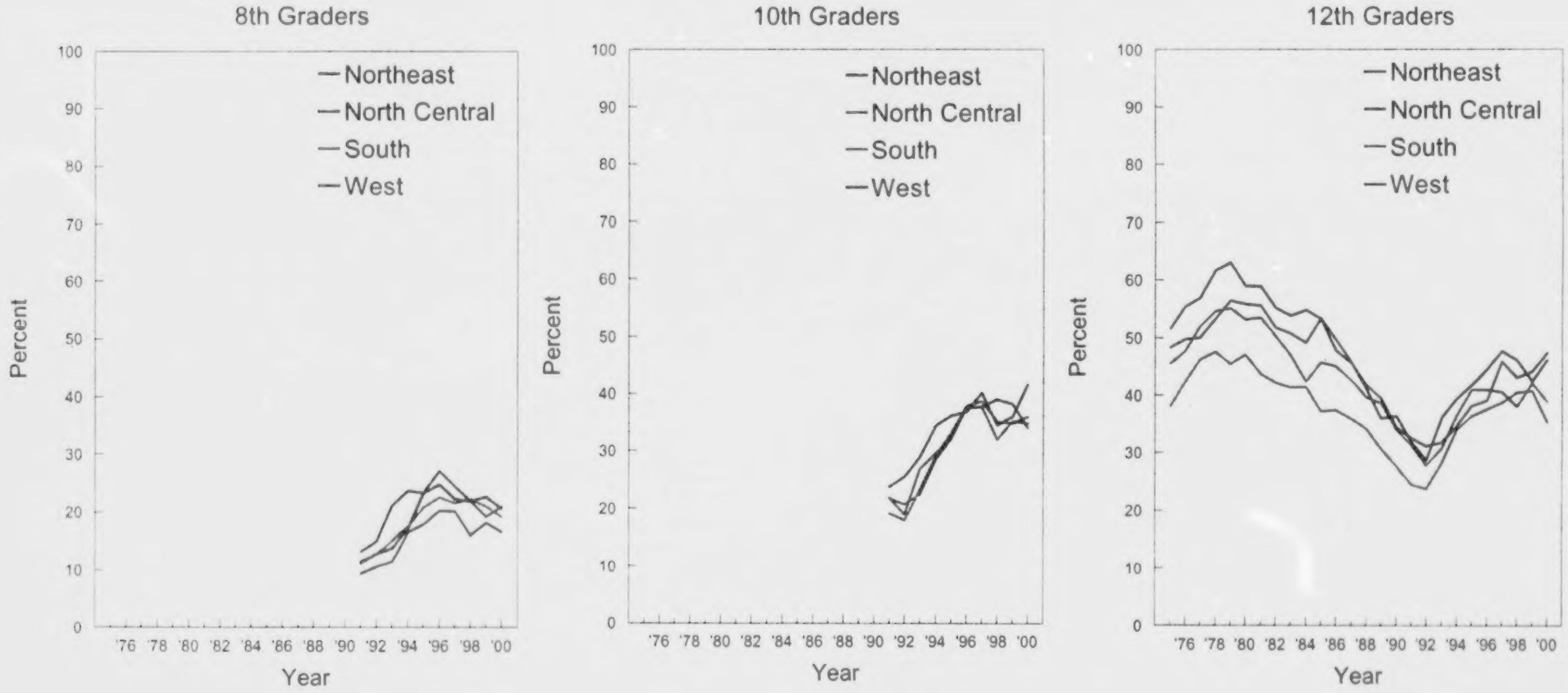
Any Illicit Drug: Trends in Annual Prevalence by College Plans


8th Graders

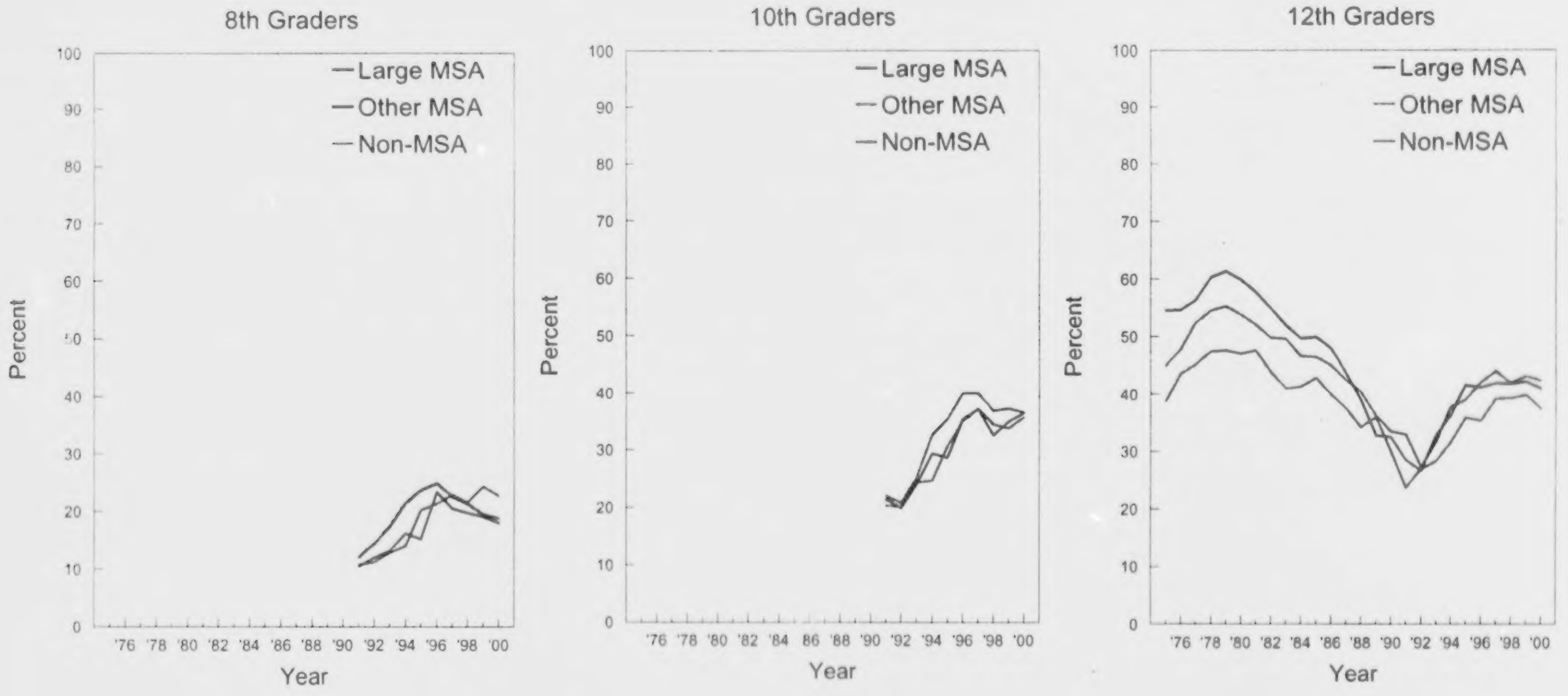
10th Graders

12th Graders

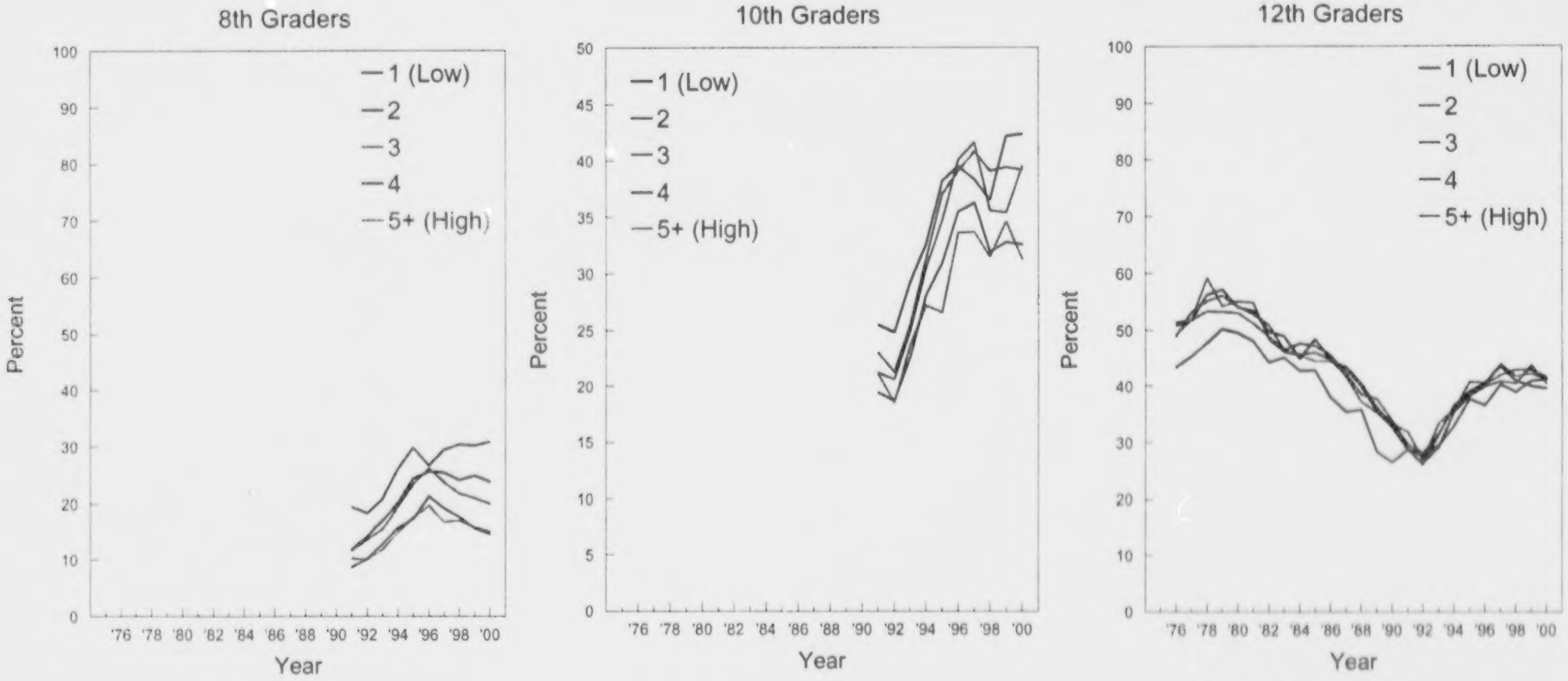
Any Illicit Drug: Trends in Annual Prevalence by Region



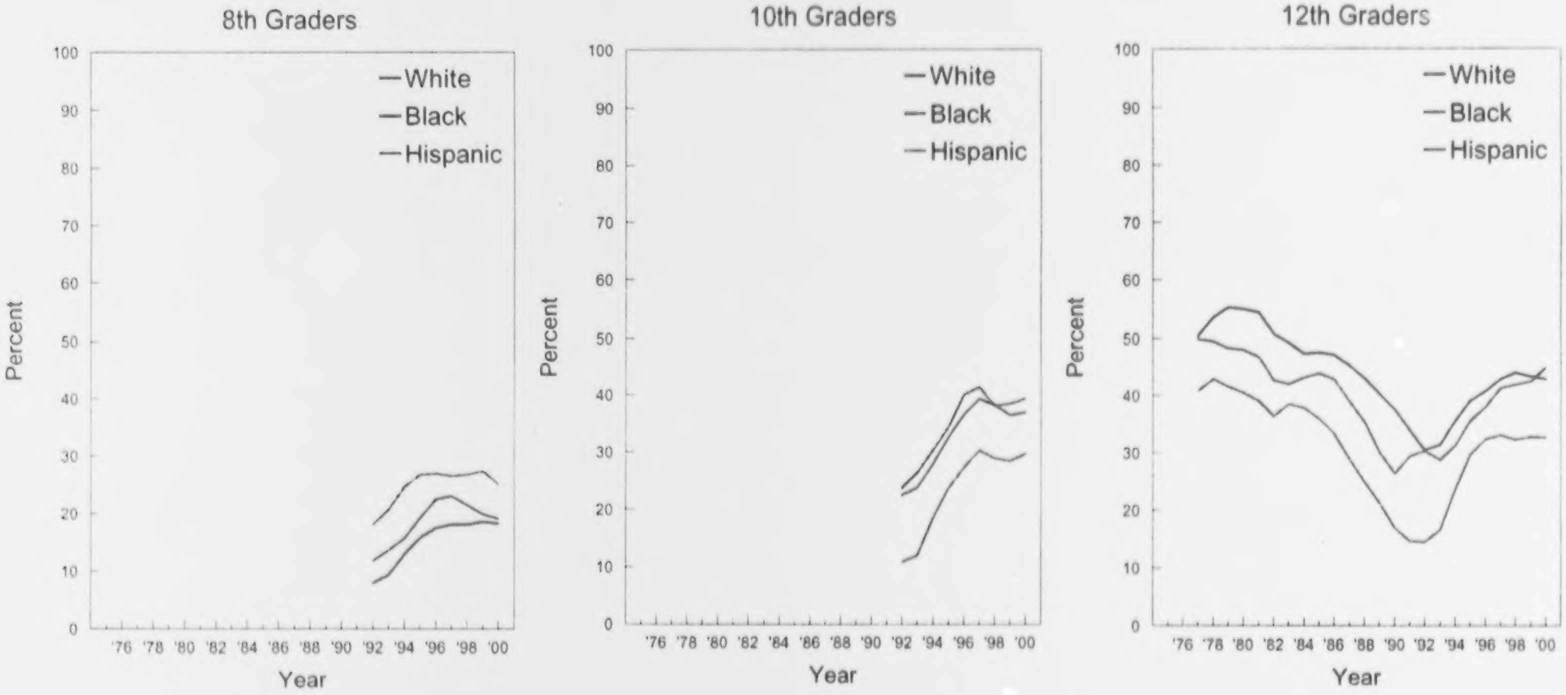
Any Illicit Drug: Trends in Annual Prevalence by Population Density



Any Illicit Drug: Trends in Annual Prevalence by Parents' Average Education

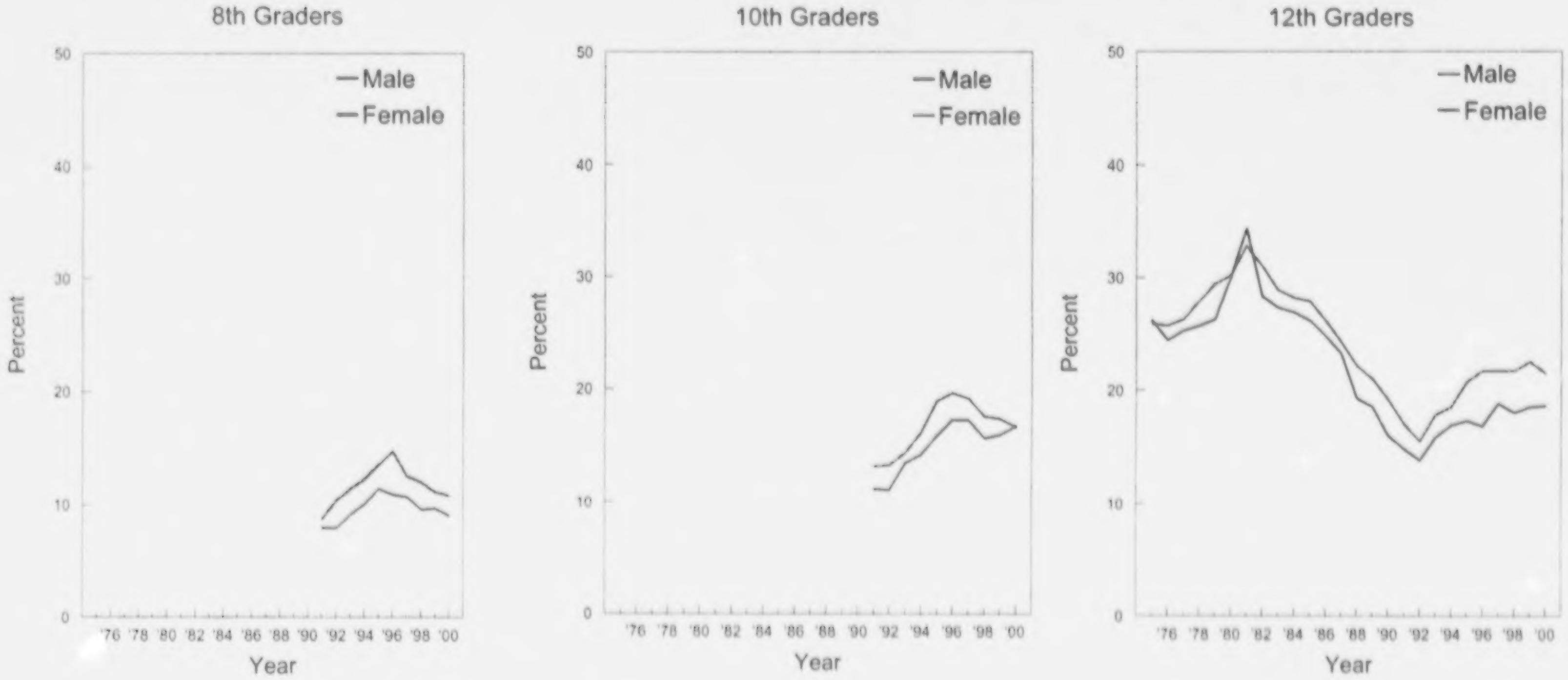


Any Illicit Drug: Trends in Annual Prevalence by Race/Ethnicity*

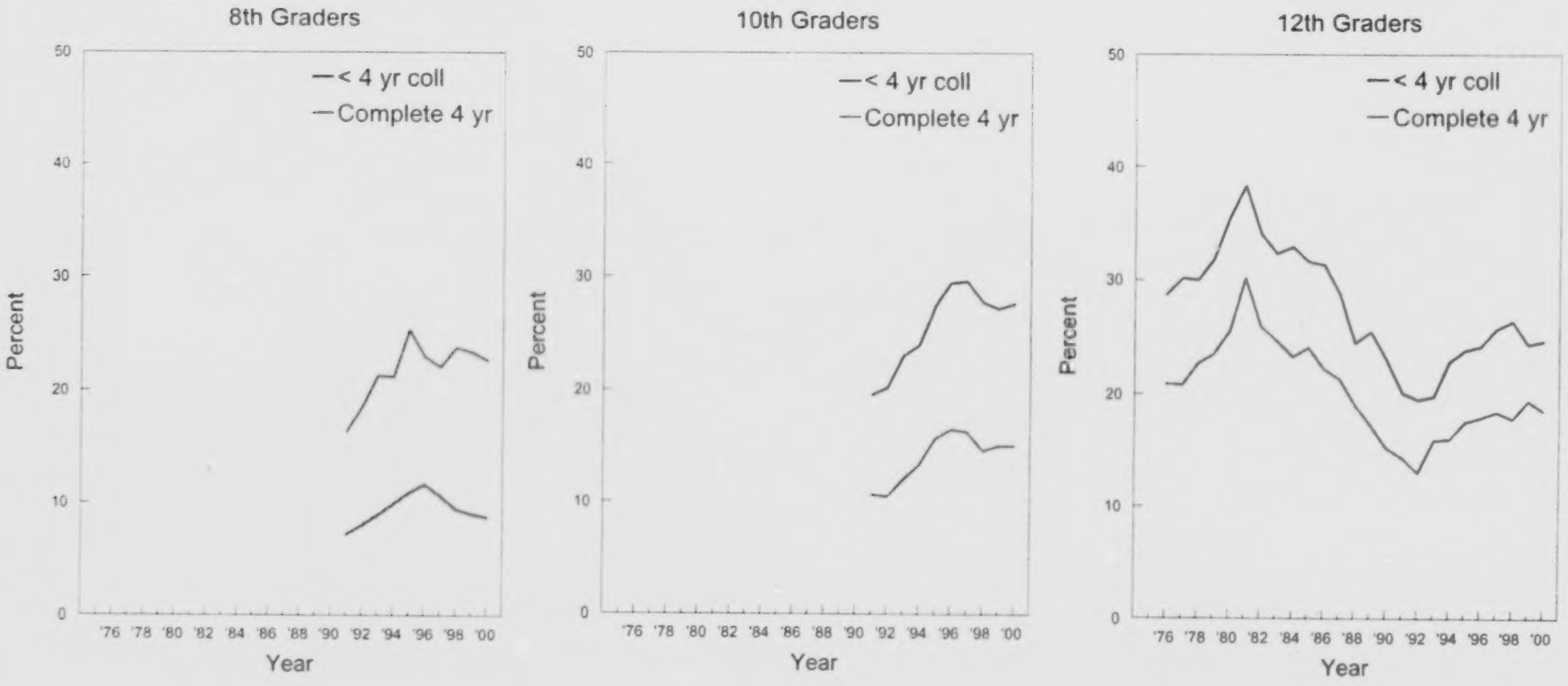


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

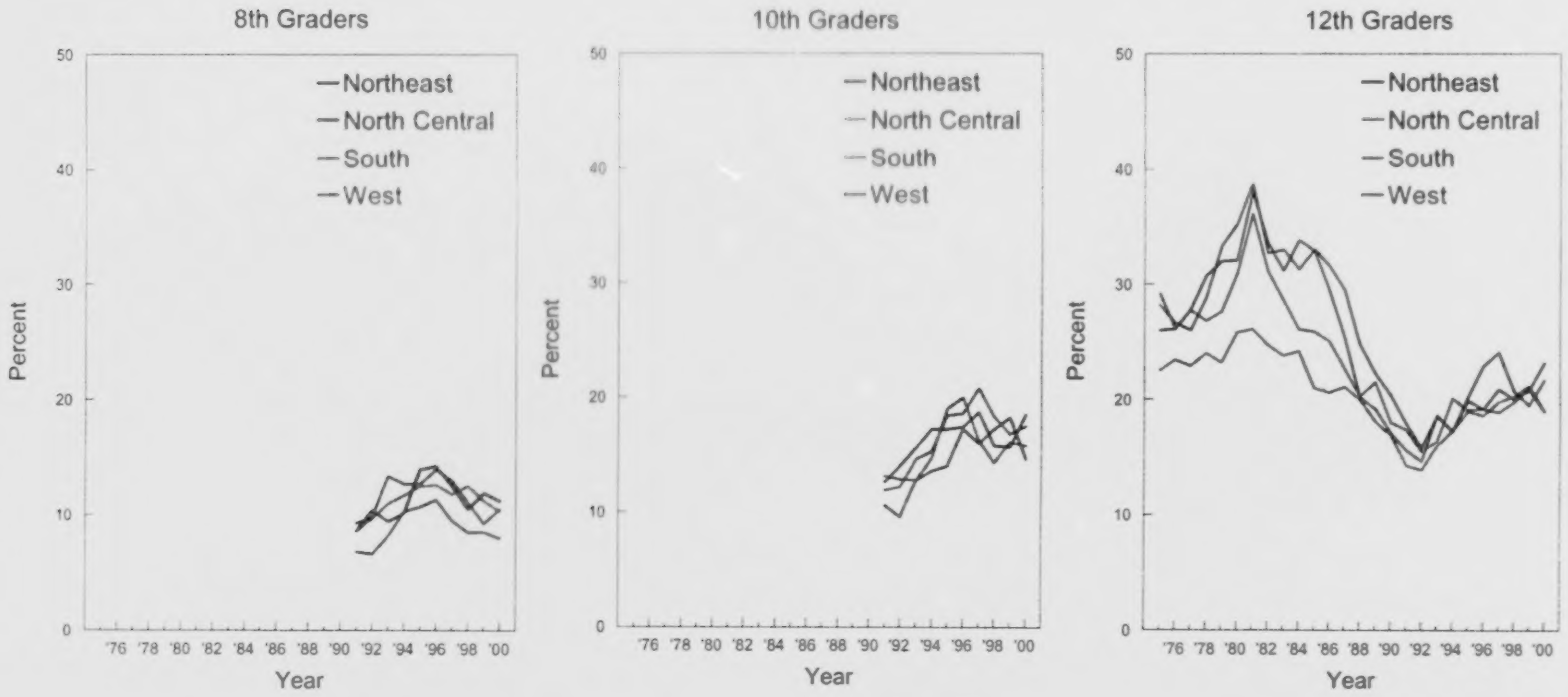
Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by Gender



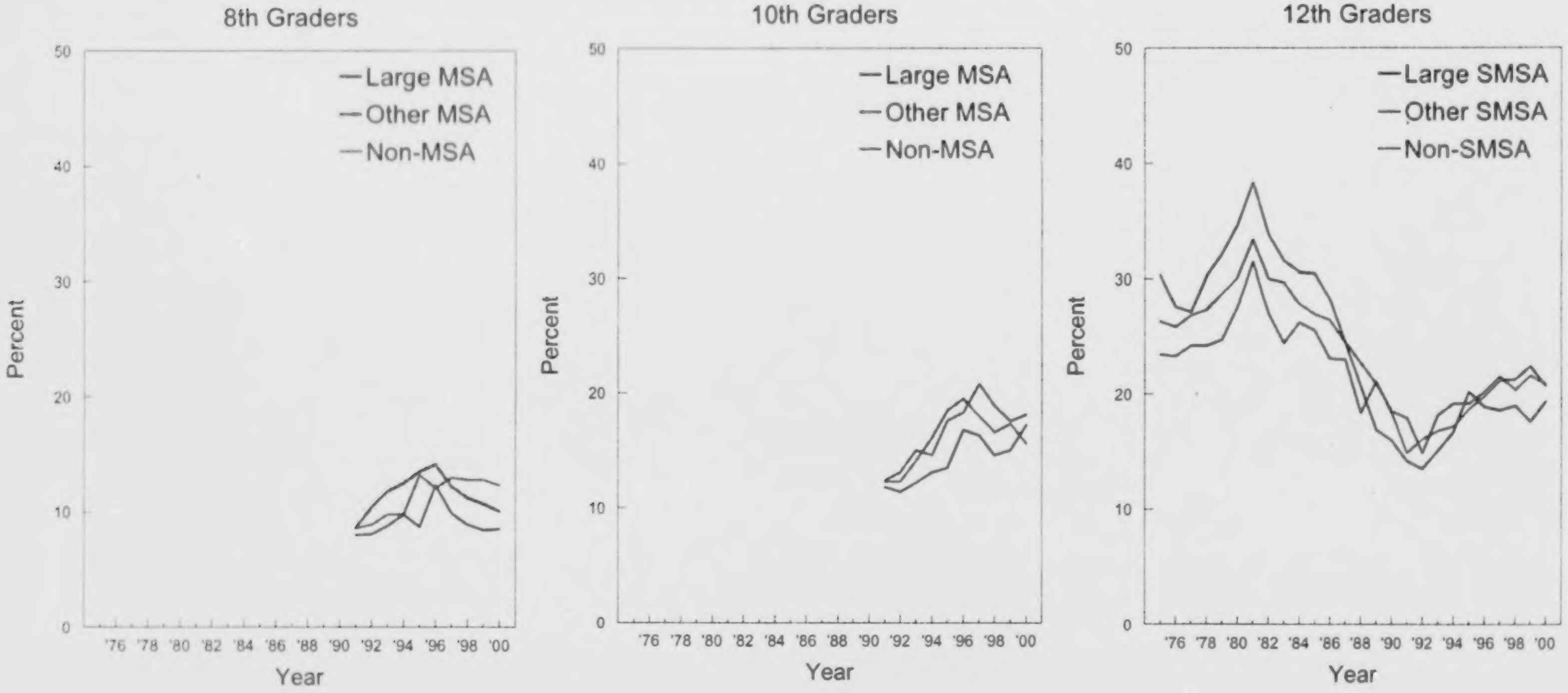
Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by College Plans



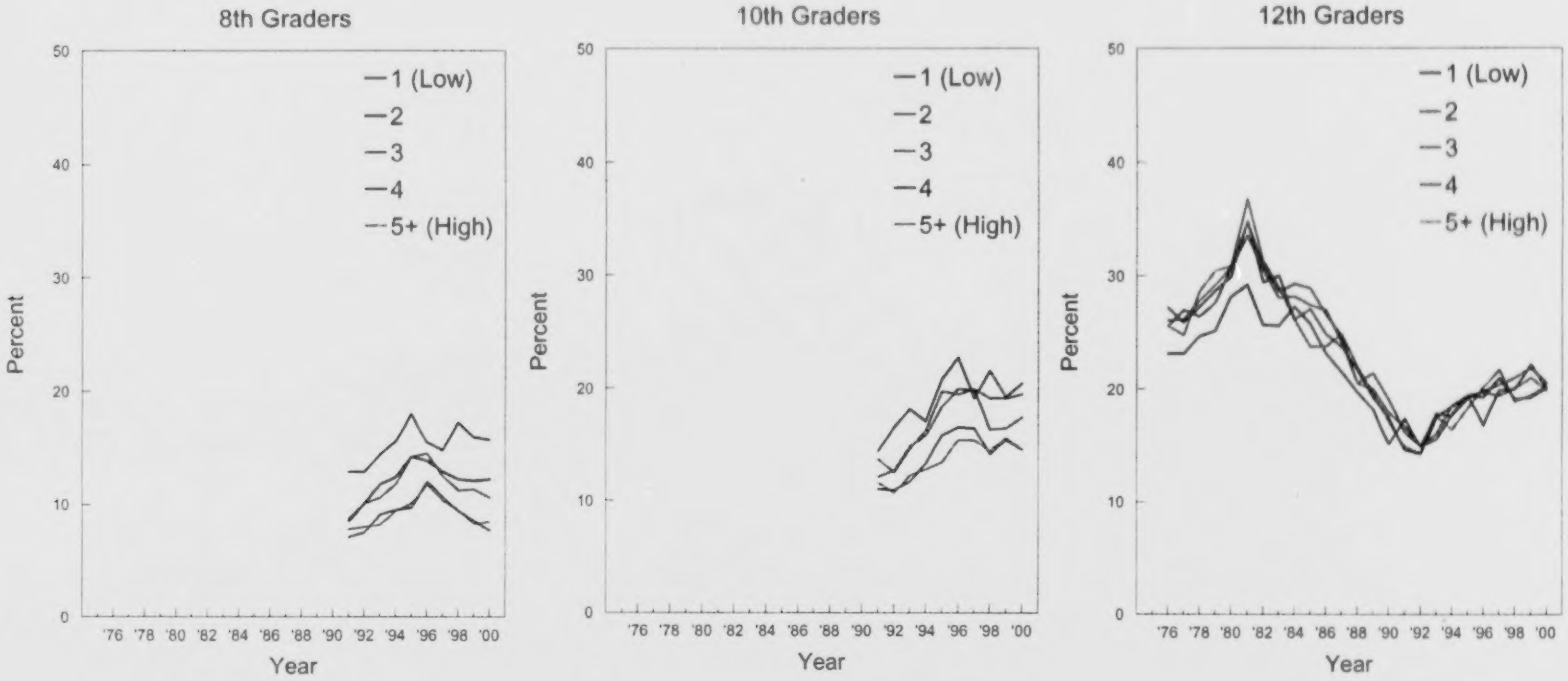
Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by Region



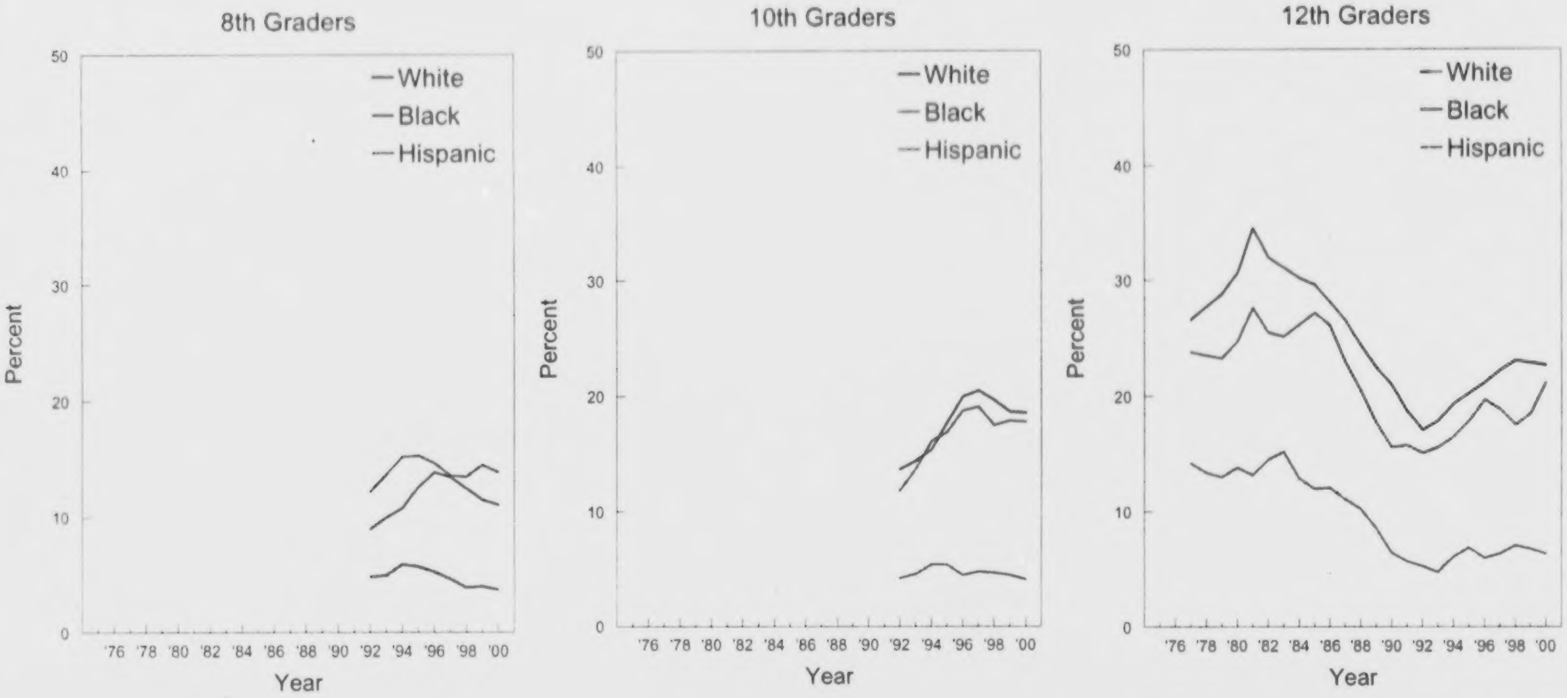
Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by Population Density



Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by Parents' Average Education

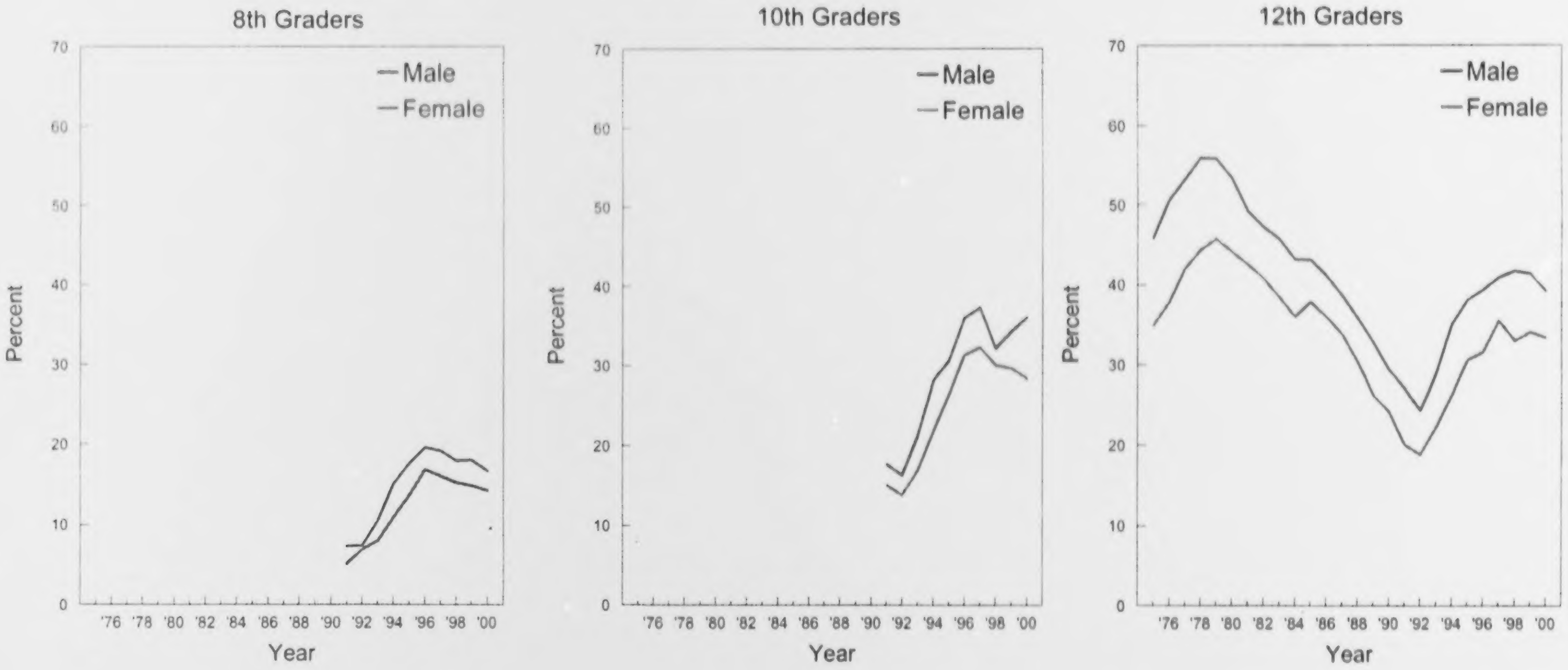


Any Illicit Drug other than Marijuana: Trends in Annual Prevalence by Race/Ethnicity*



*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Marijuana: Trends in Annual Prevalence by Gender

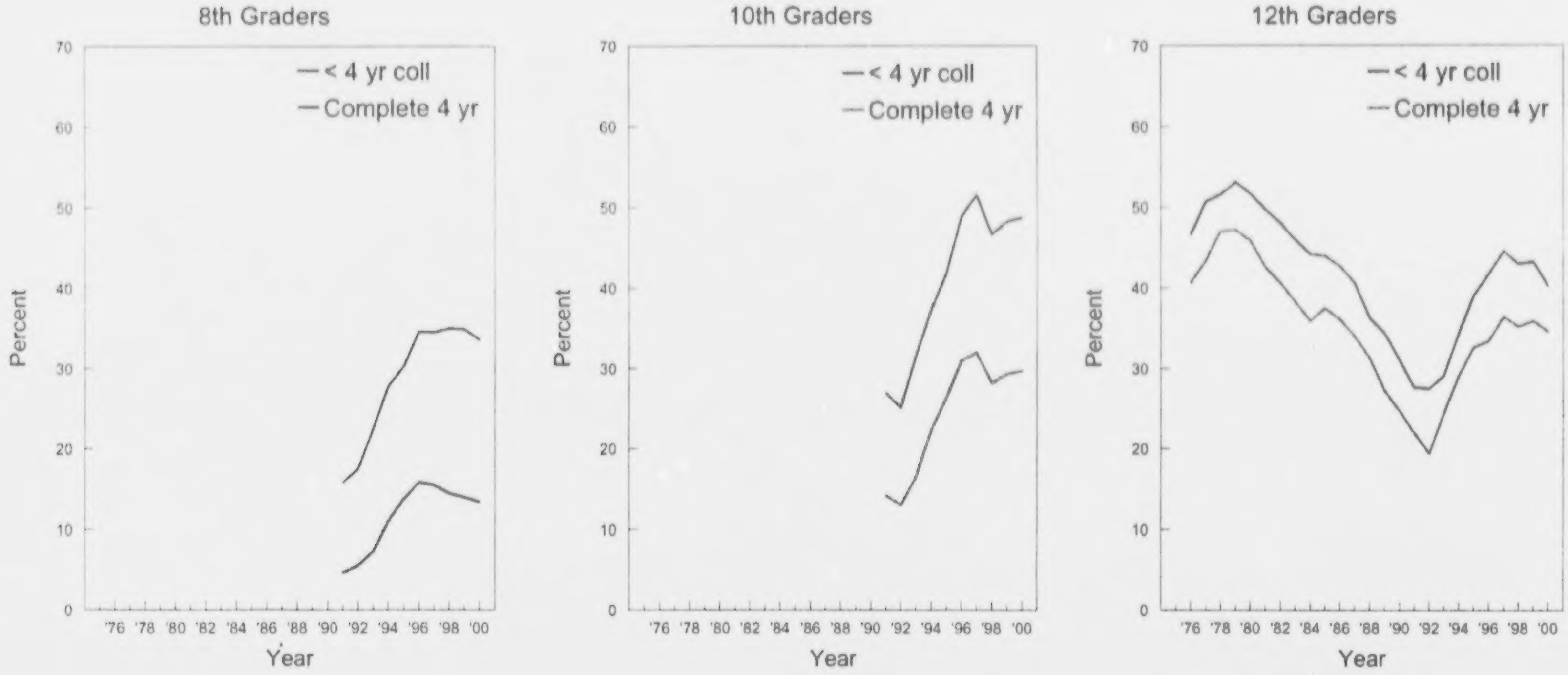


8th Graders

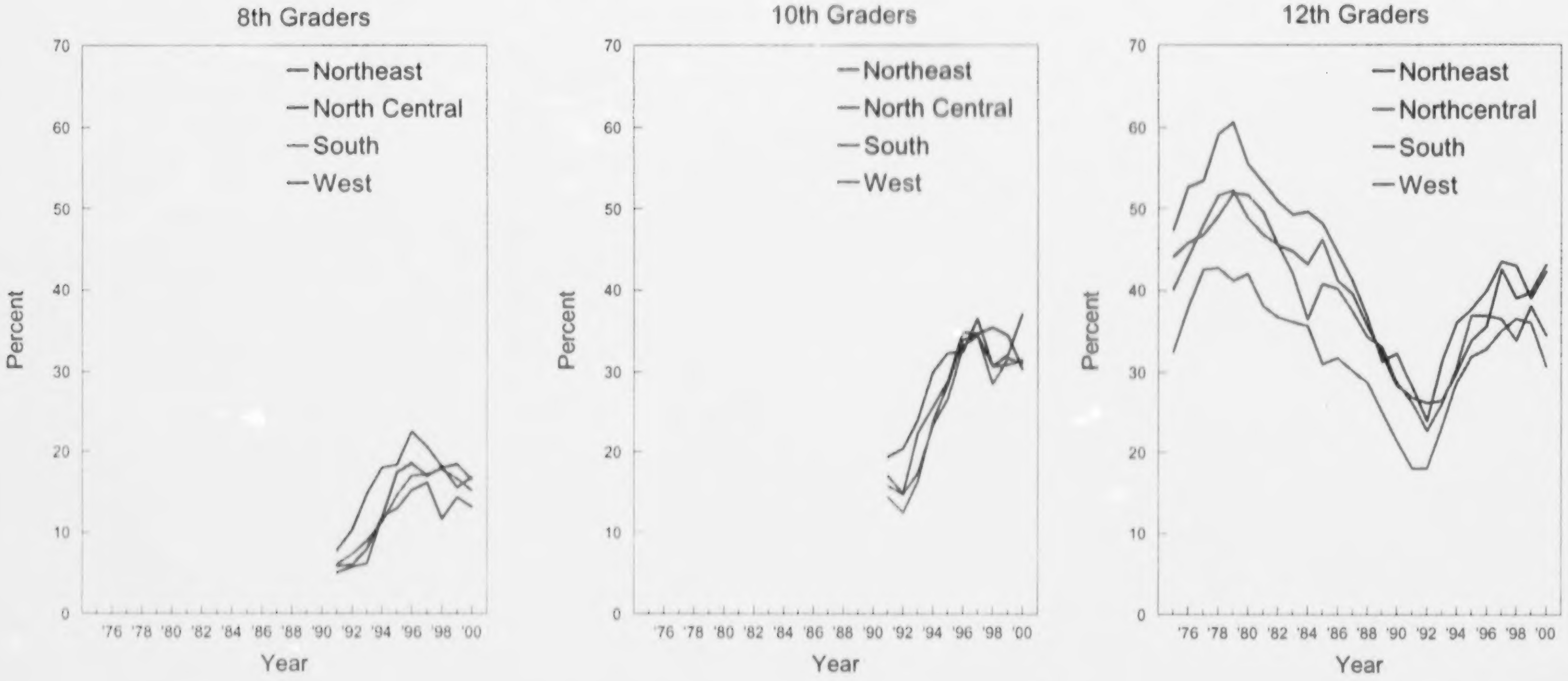
10th Graders

12th Graders

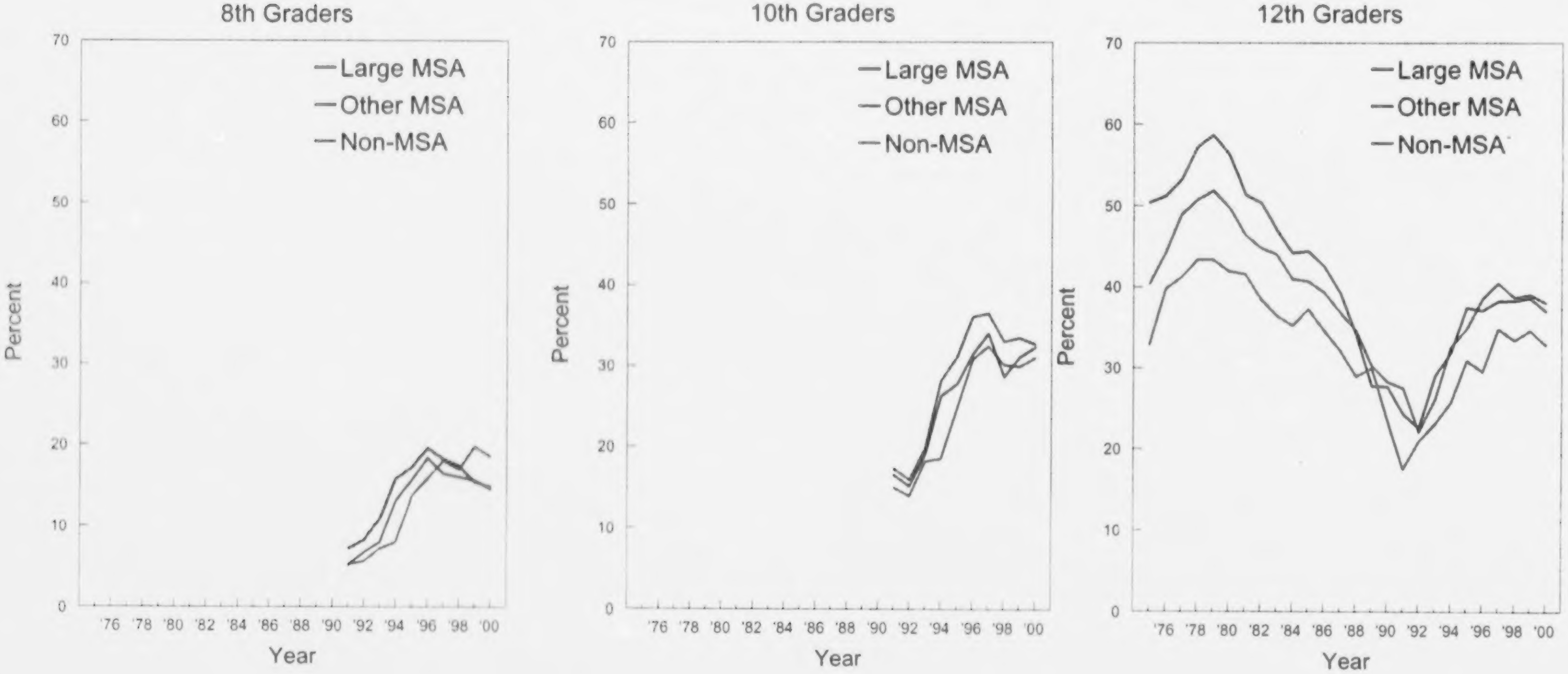
Marijuana: Trends in Annual Prevalence by College Plans



Marijuana: Trends in Annual Prevalence by Region



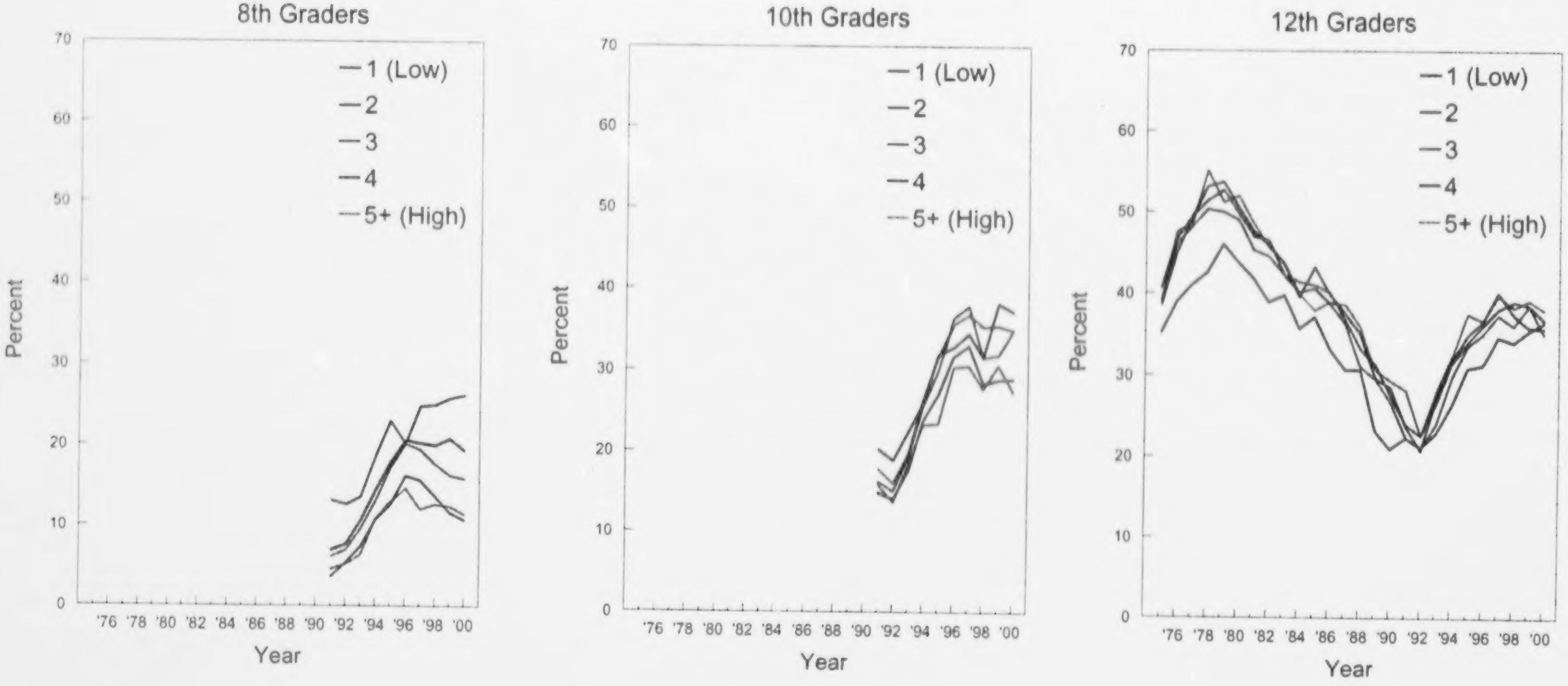
Marijuana: Trends in Annual Prevalence by Population Density


8th Graders

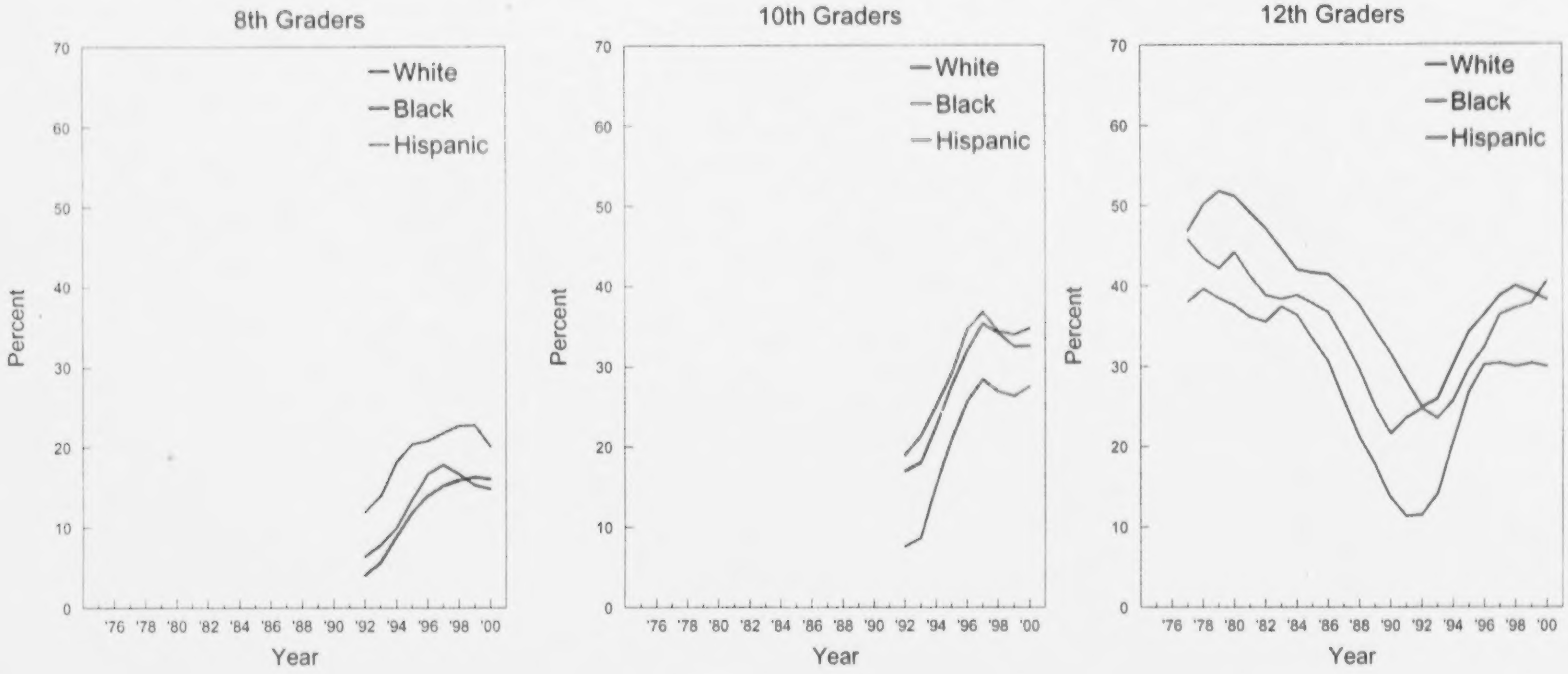
10th Graders

12th Graders

Marijuana: Trends in Annual Prevalence by Parents' Average Education

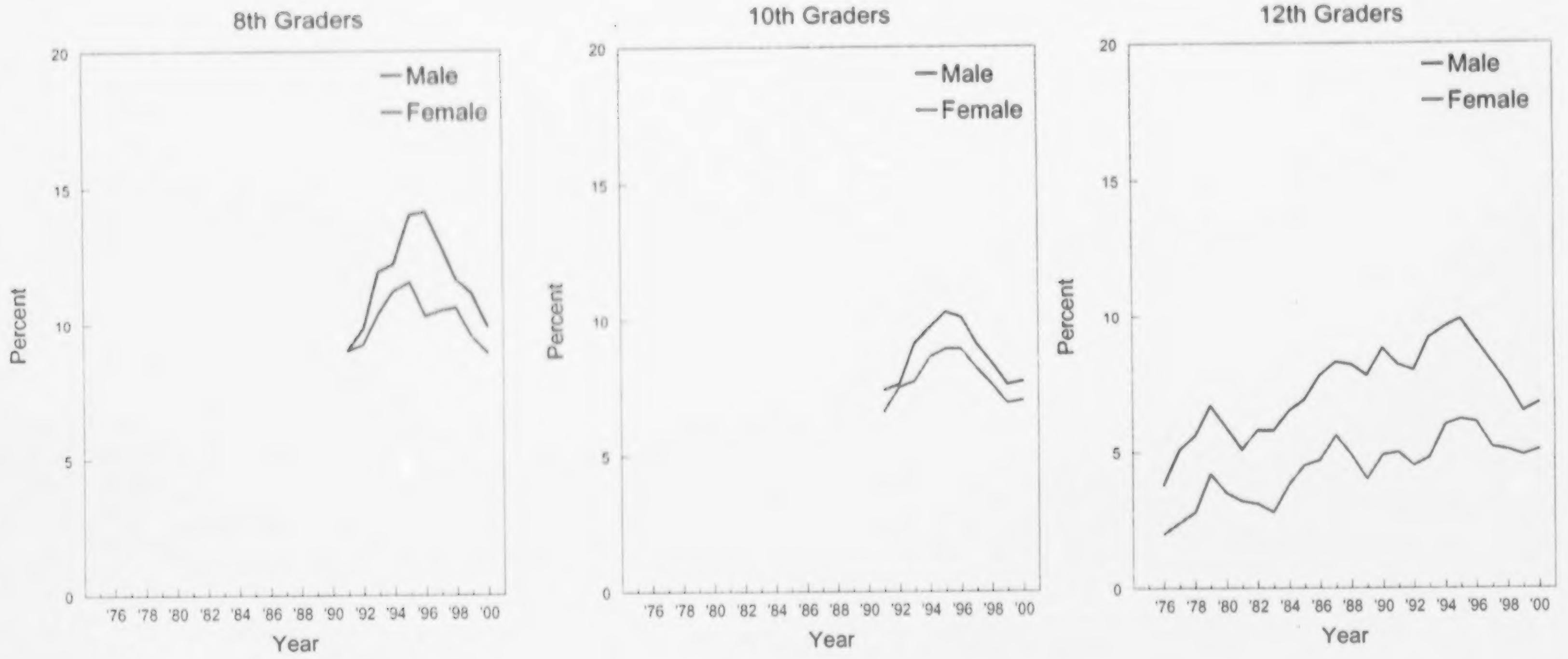


Marijuana: Trends in Annual Prevalence by Race/Ethnicity*

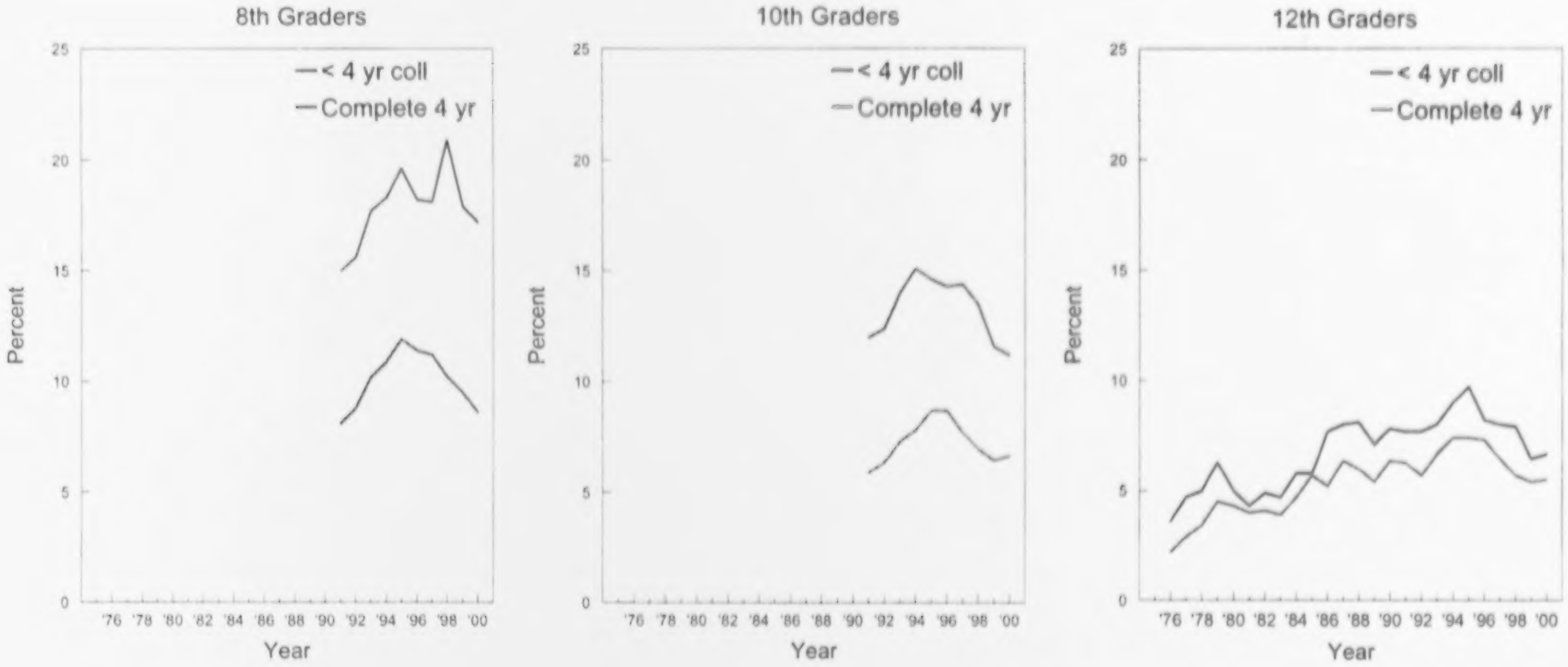


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

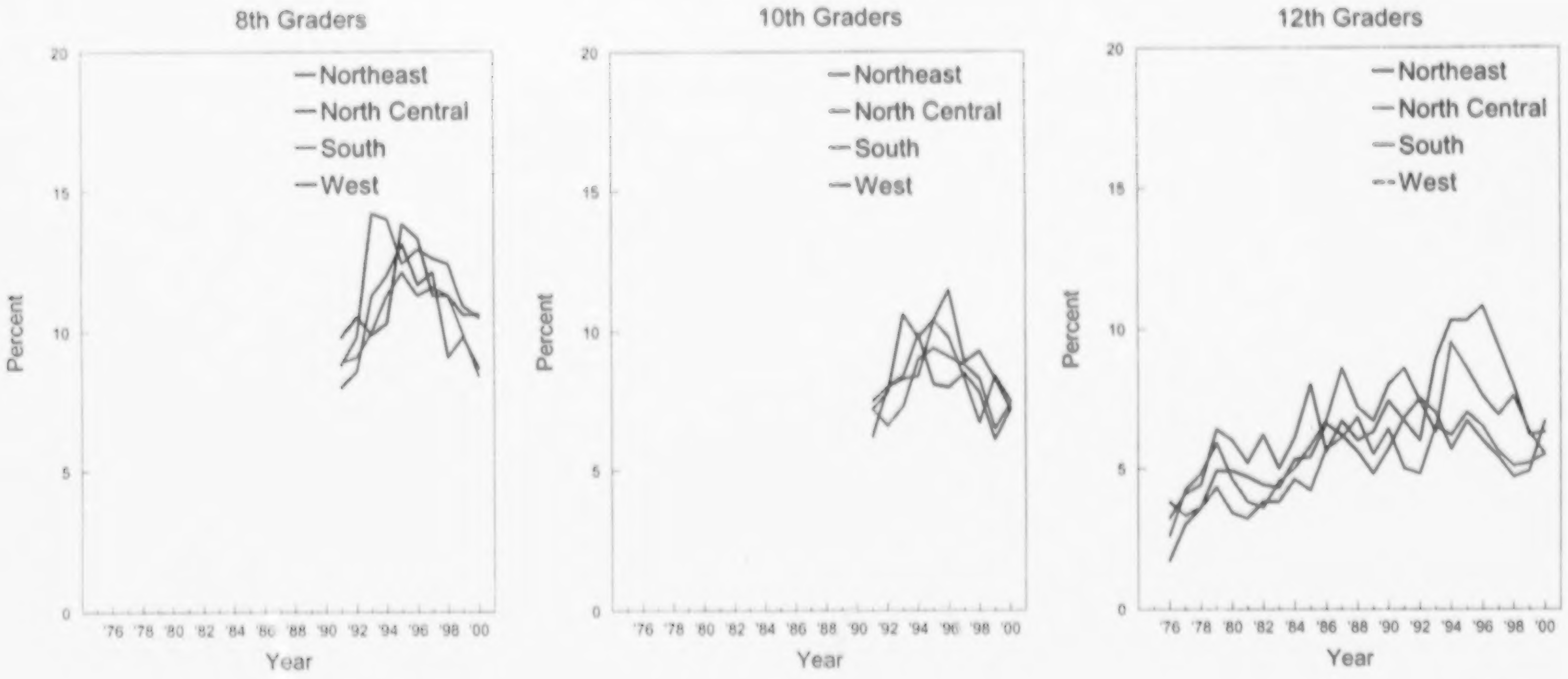
Inhalants: Trends in Annual Prevalence by Gender



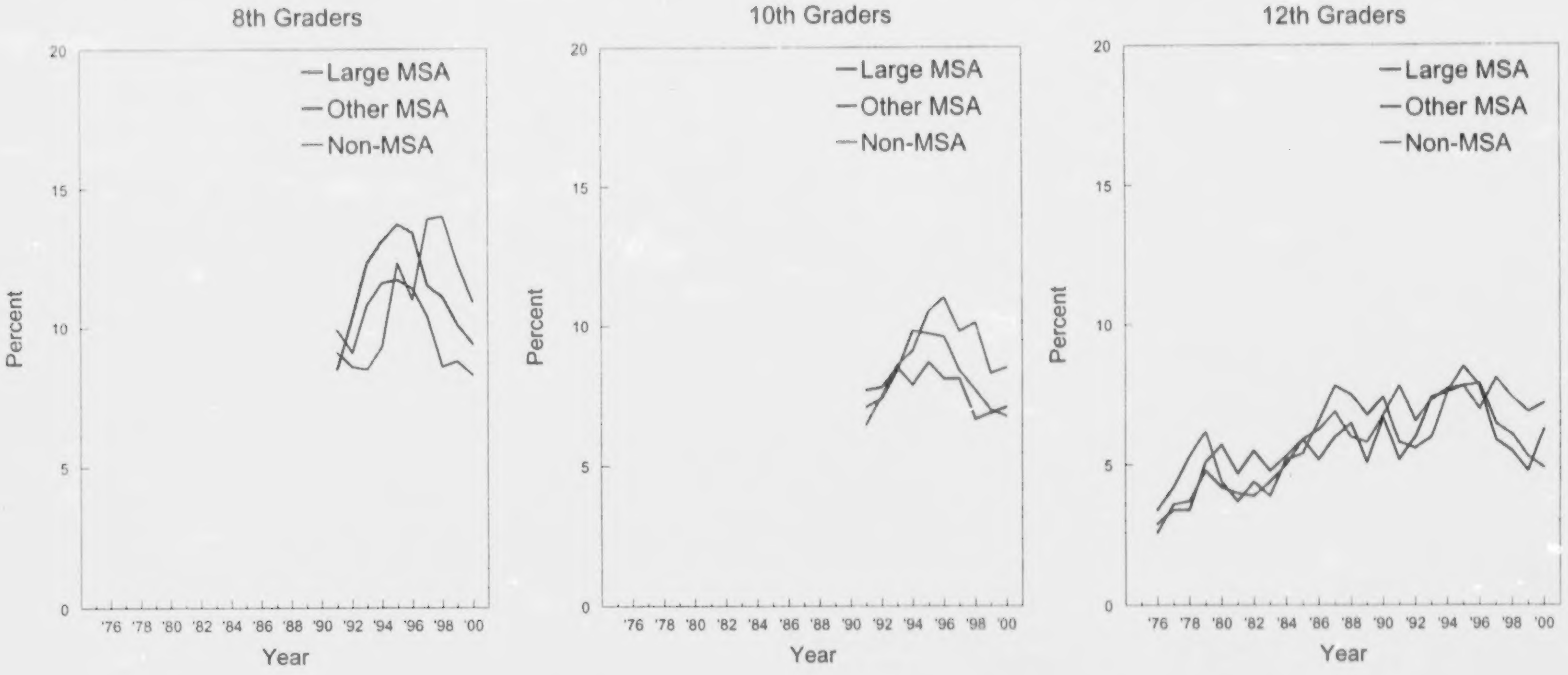
Inhalants: Trends in Annual Prevalence by College Plans



Inhalants: Trends in Annual Prevalence by Region

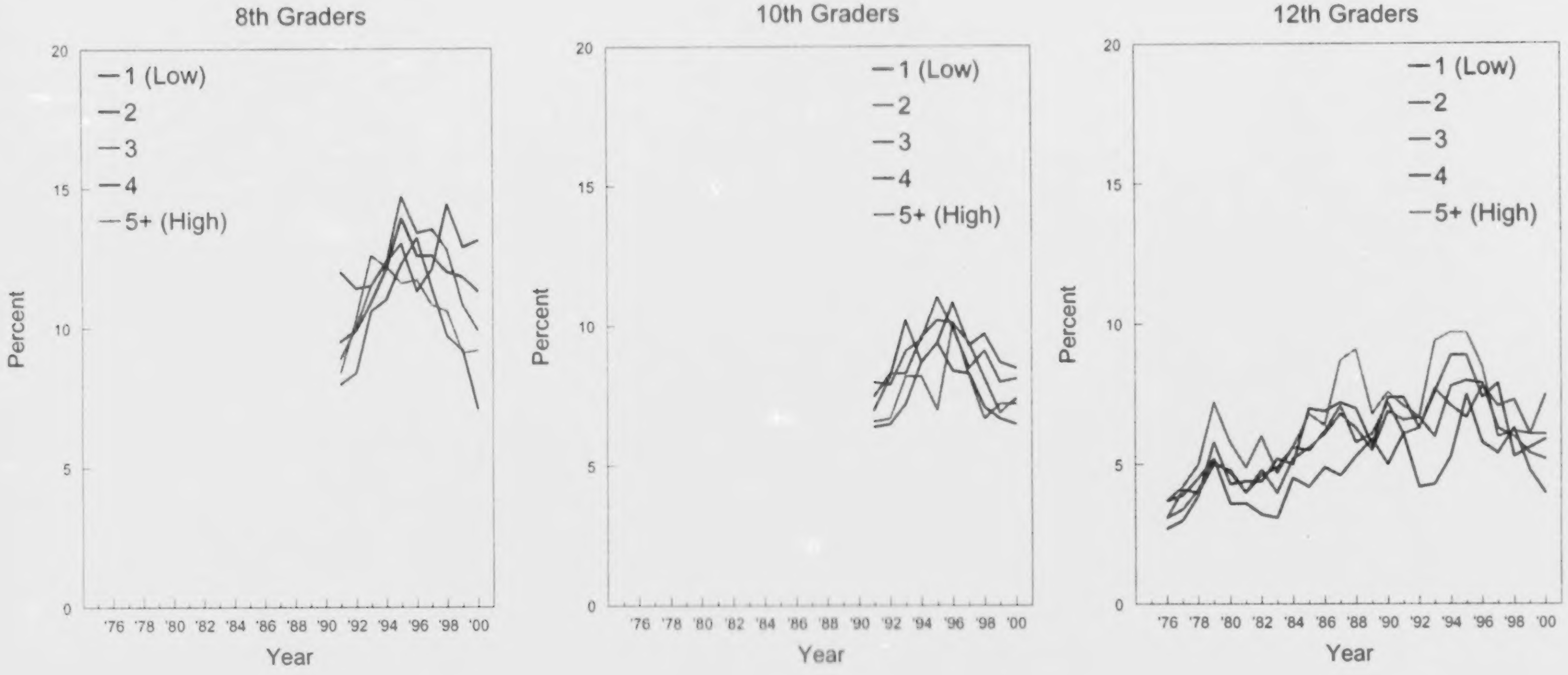


Inhalants: Trends in Annual Prevalence by Population Density*



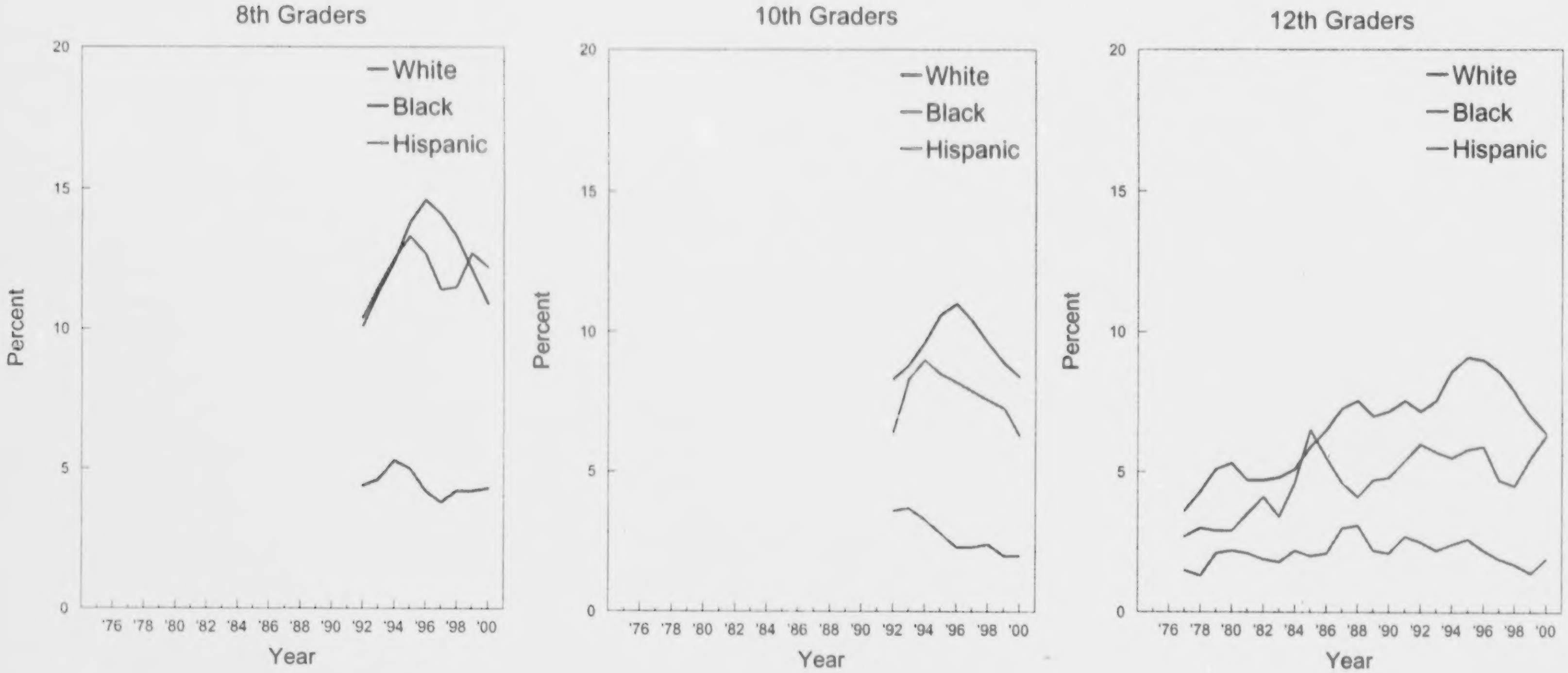
*NOTE: Do not have 1995-96 adjusted numbers for 12th Graders.

Inhalants: Trends in Annual Prevalence by Parents' Average Education



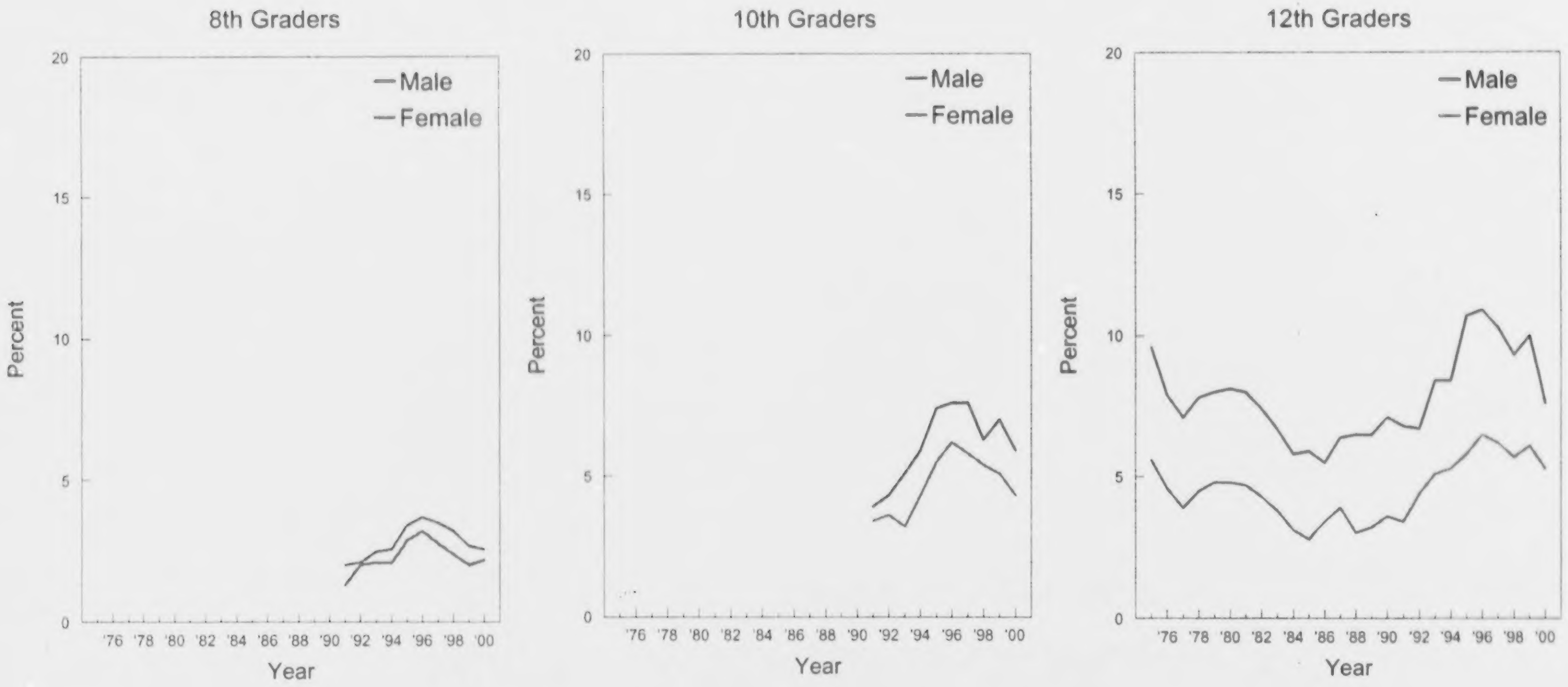
NOTE: Unadjusted for 12th Graders.

Inhalants: Trends in Annual Prevalence by Race/Ethnicity*



*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

LSD: Trends in Annual Prevalence by Gender



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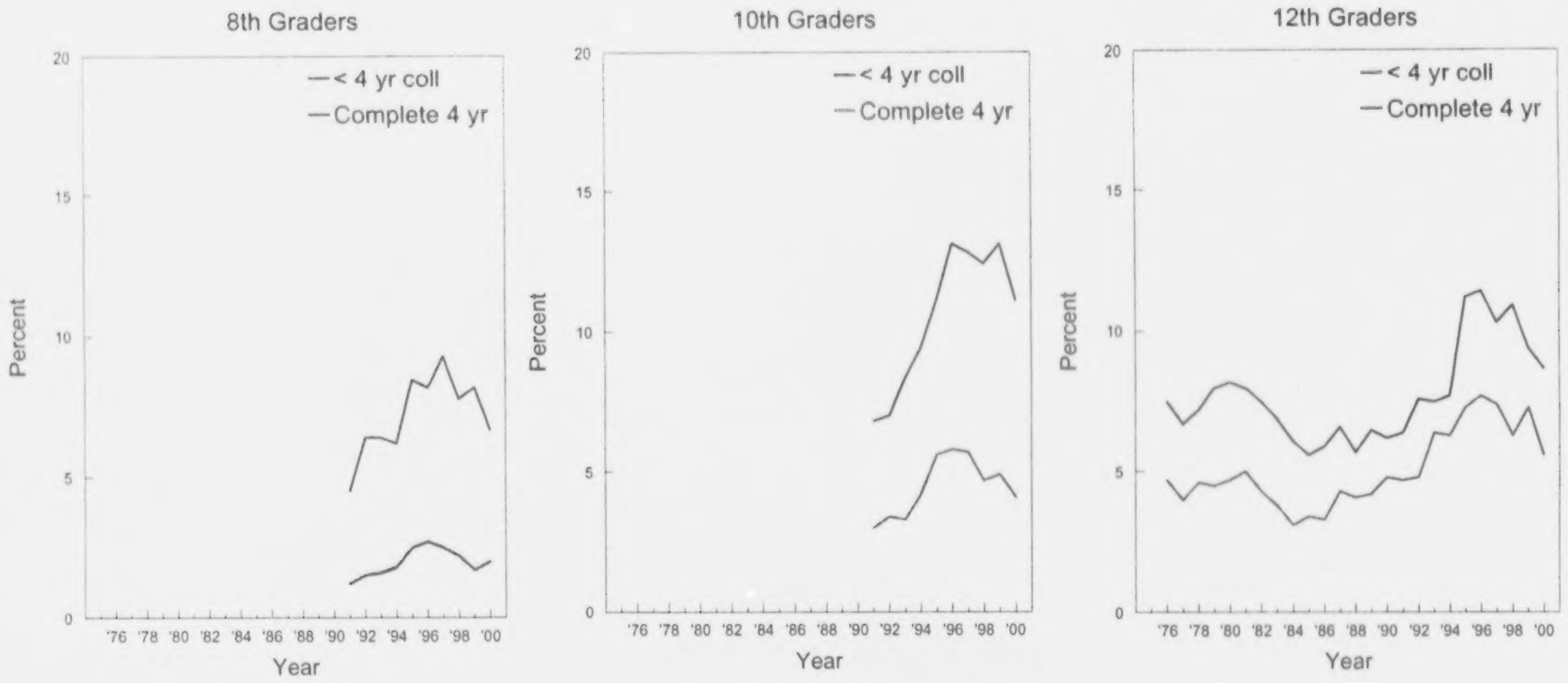
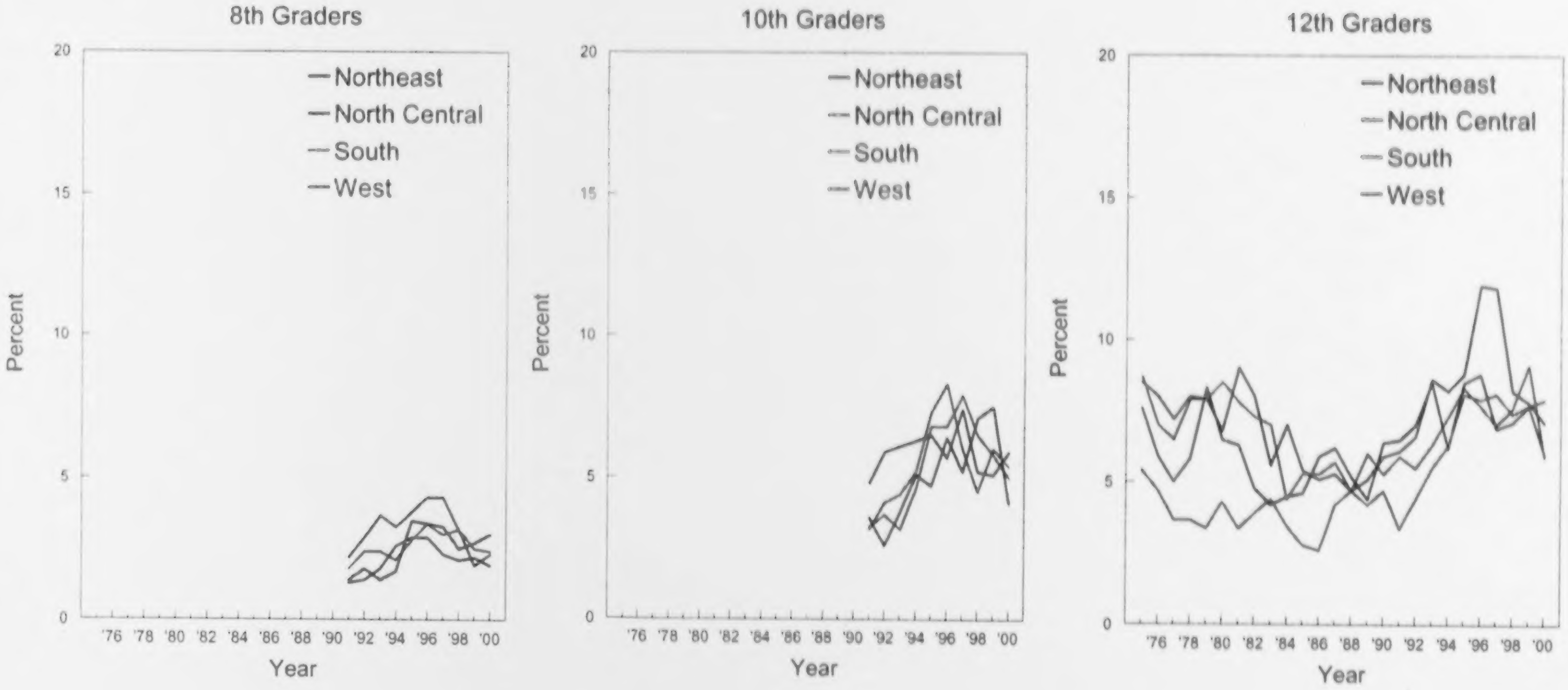
G1

LSD: Trends in Annual Prevalence by College Plans



LSD: Trends in Annual Prevalence by Region

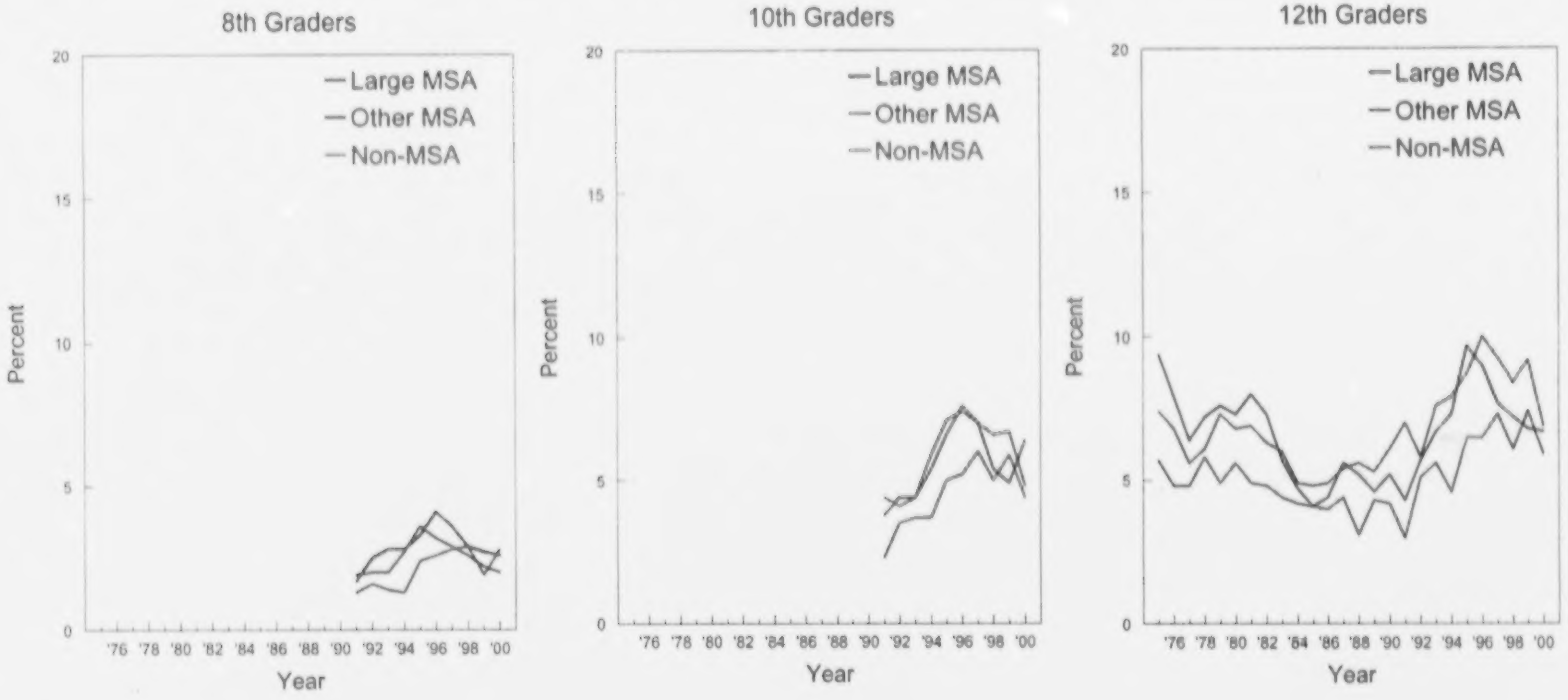


8th Graders

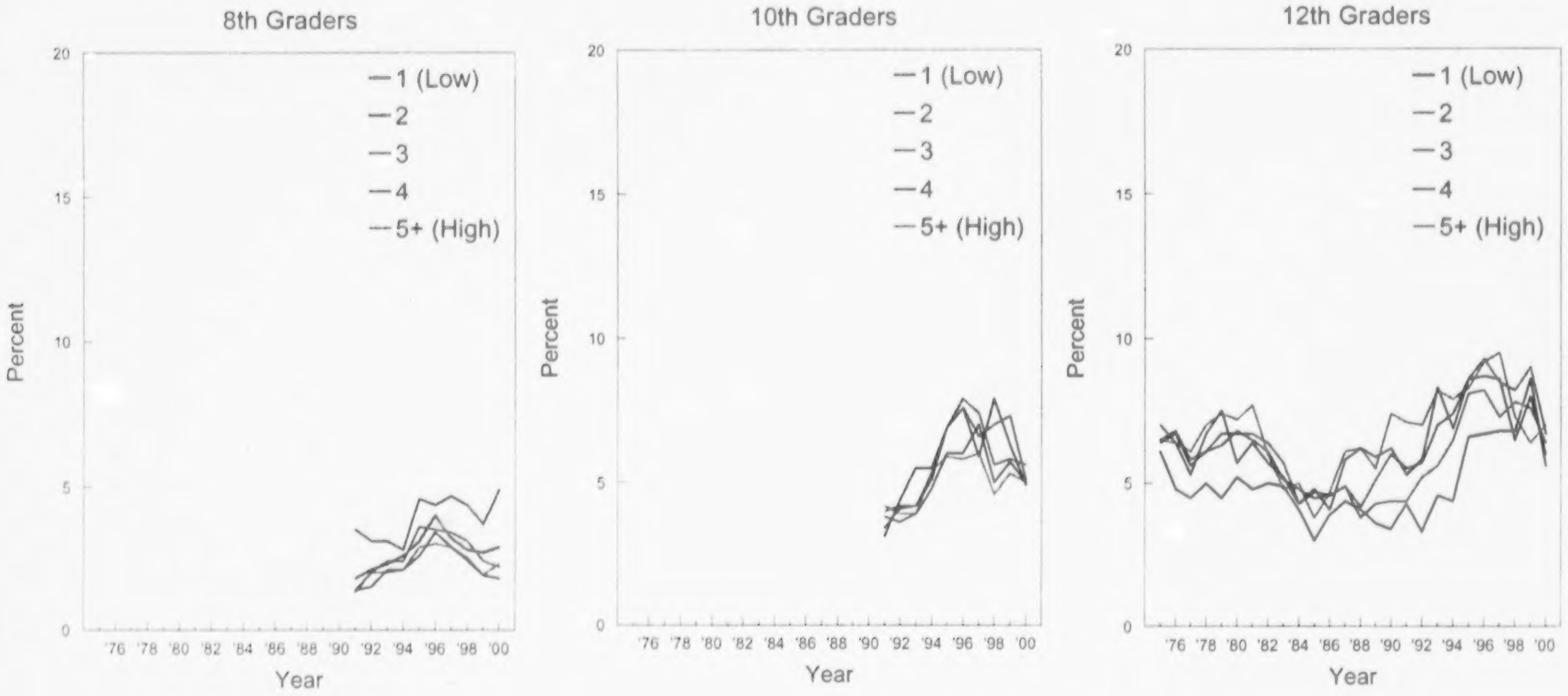
10th Graders

12th Graders

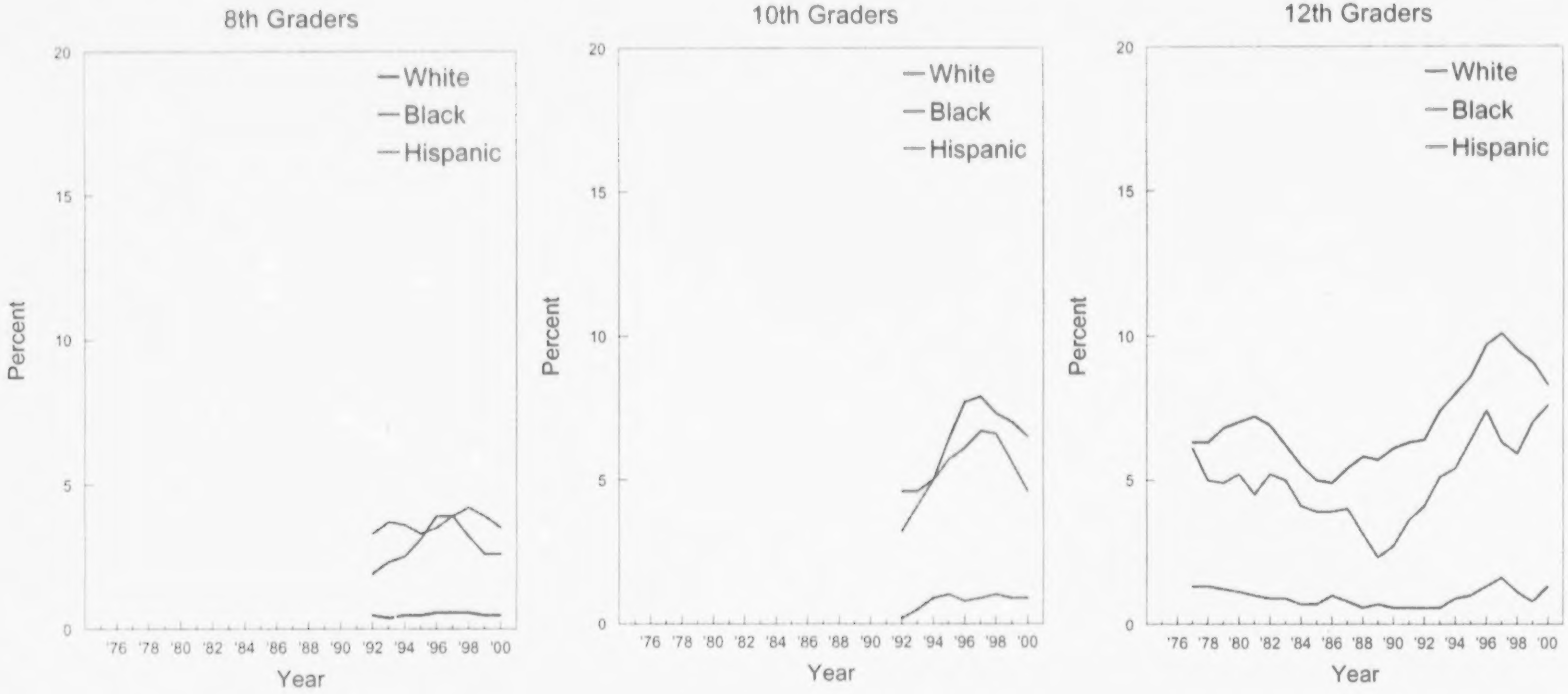
LSD: Trends in Annual Prevalence by Population Density



LSD: Trends in Annual Prevalence by Parents' Average Education

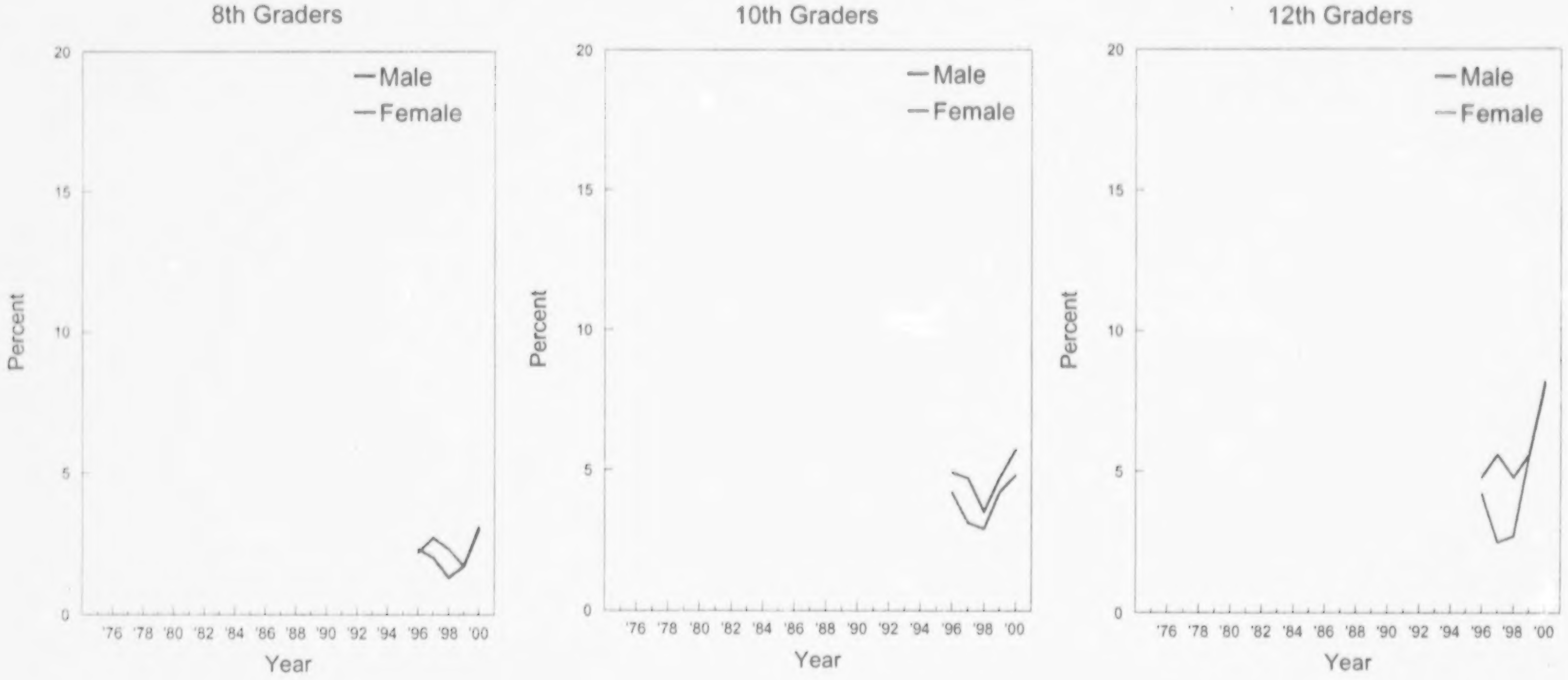


LSD: Trends in Annual Prevalence by Race/Ethnicity*



*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

MDMA (Ecstasy): Trends in Annual Prevalence by Gender

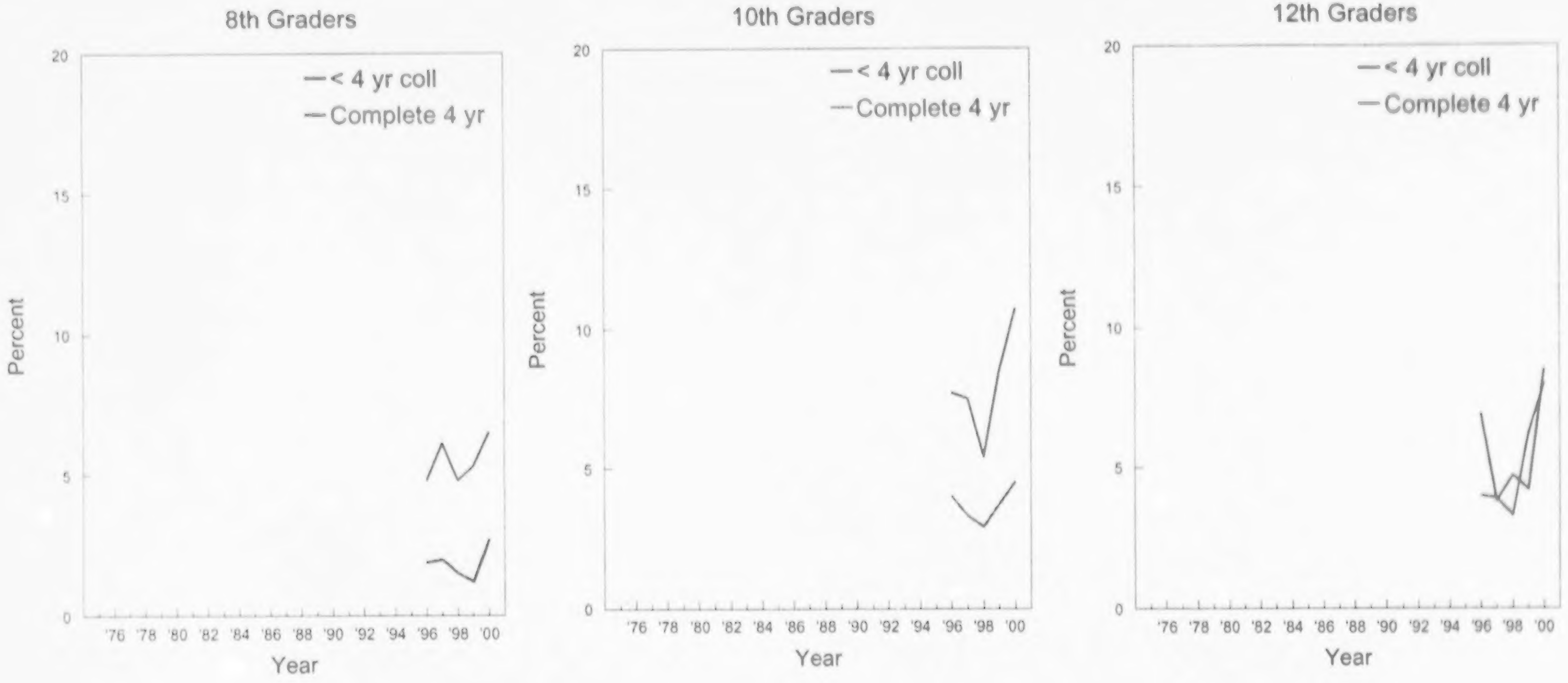


8th Graders

10th Graders

12th Graders

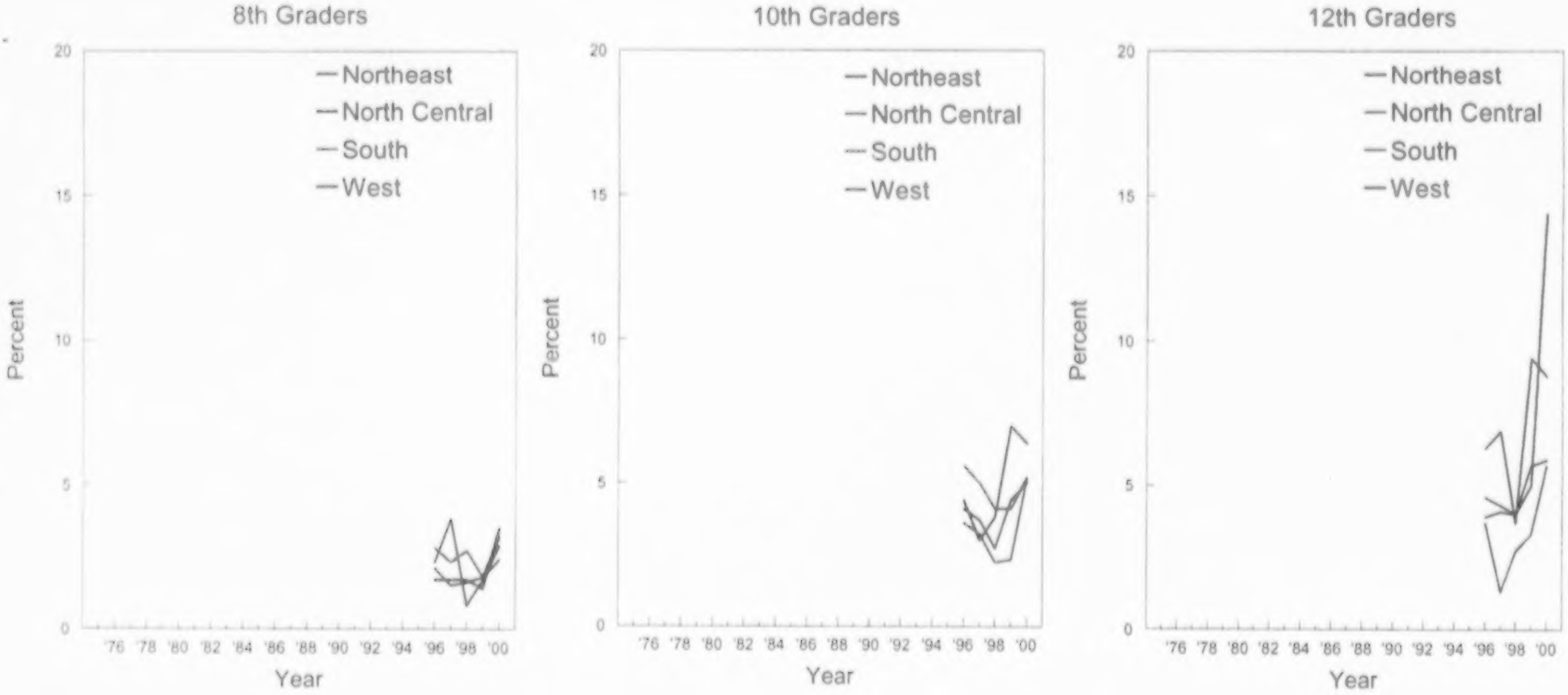
MDMA (Ecstasy): Trends in Annual Prevalence by College Plans


8th Graders

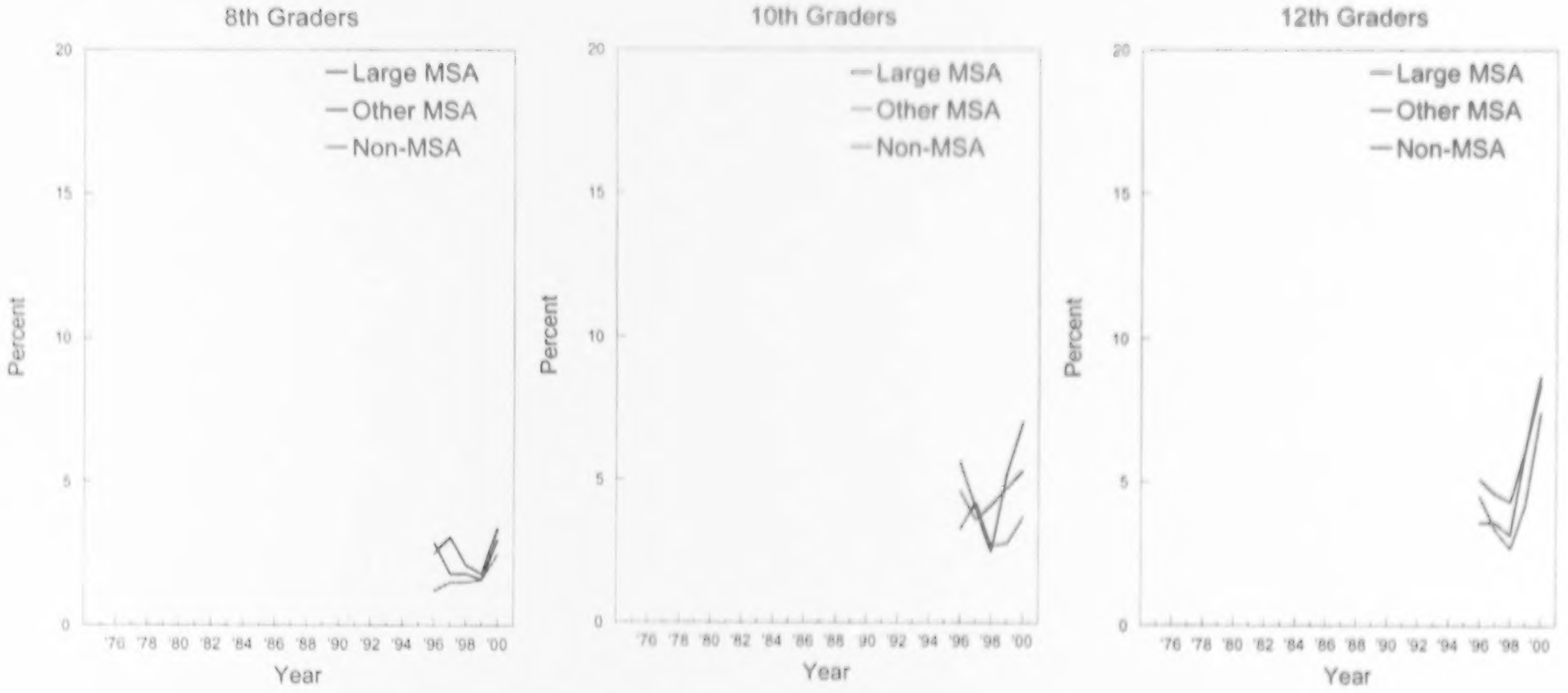
10th Graders

12th Graders

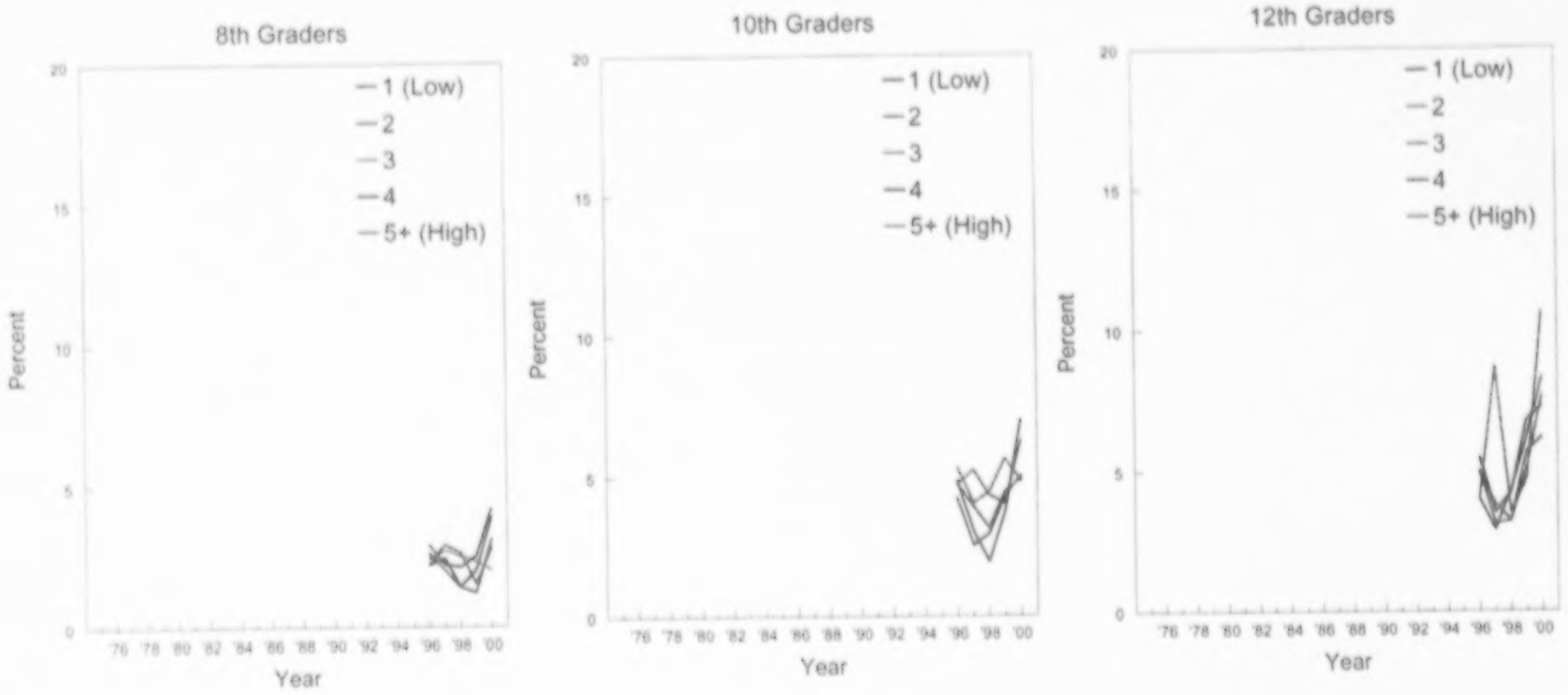
MDMA (Ecstasy): Trends in Annual Prevalence by Region



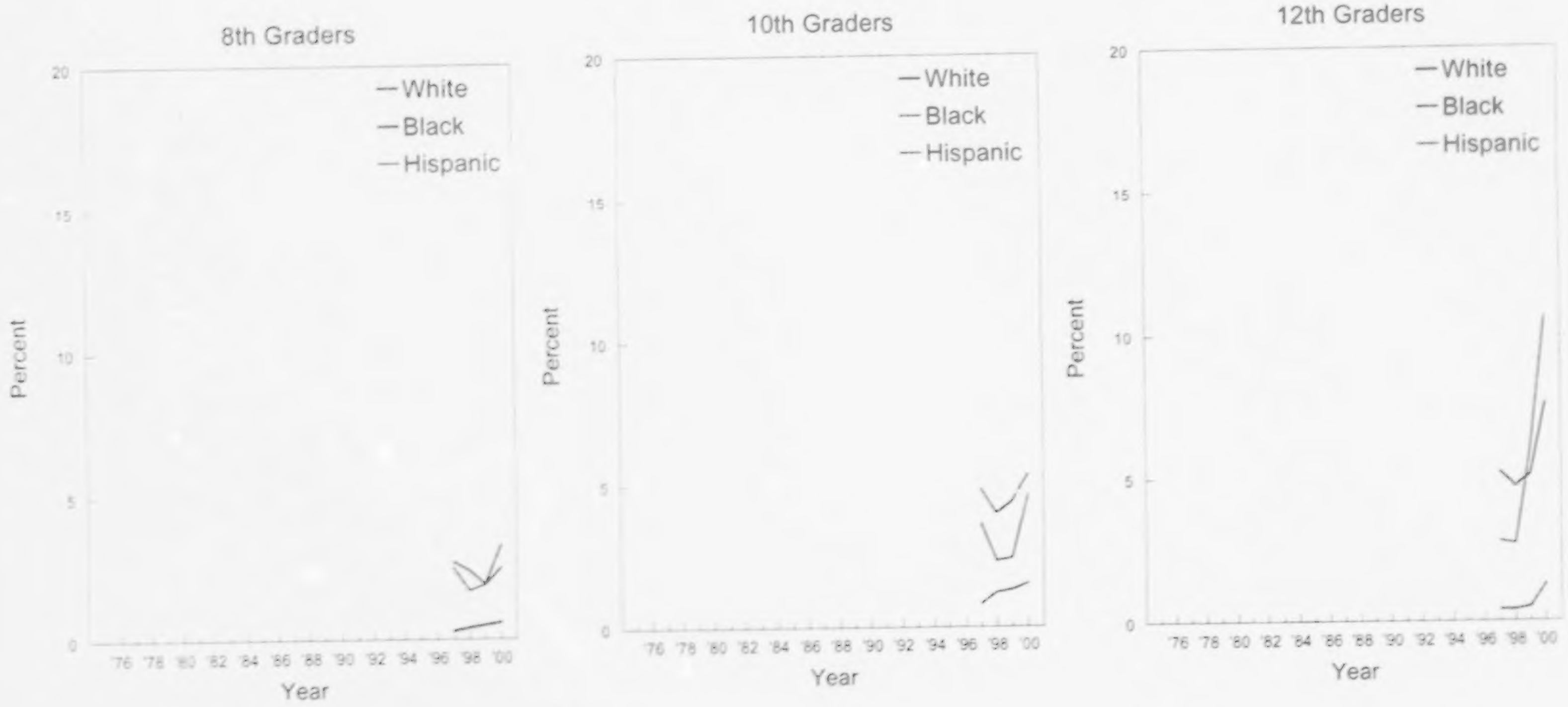
MDMA (Ecstasy): Trends in Annual Prevalence by Population Density



MDMA (Ecstasy): Trends in Annual Prevalence by Parents' Average Education

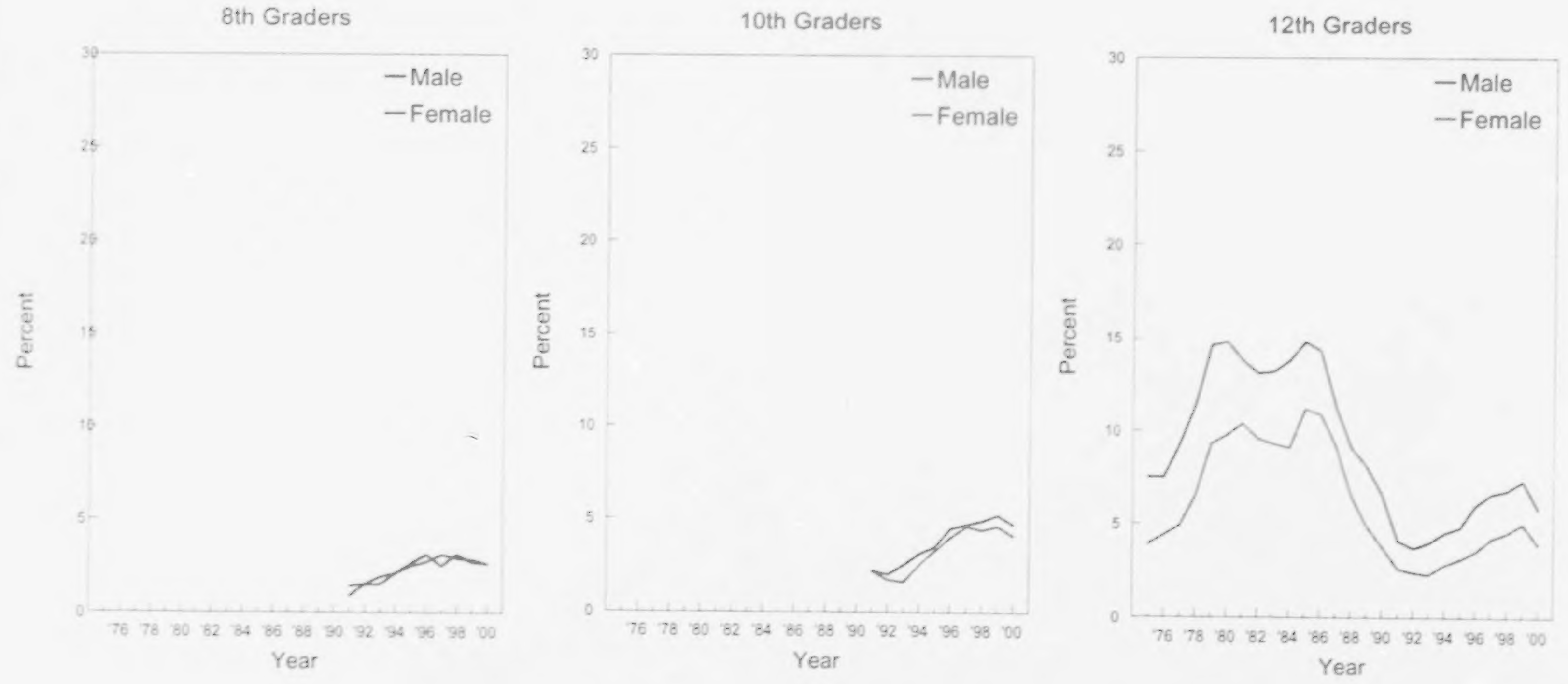


MDMA (Ecstasy): Trends in Annual Prevalence by Race/Ethnicity*

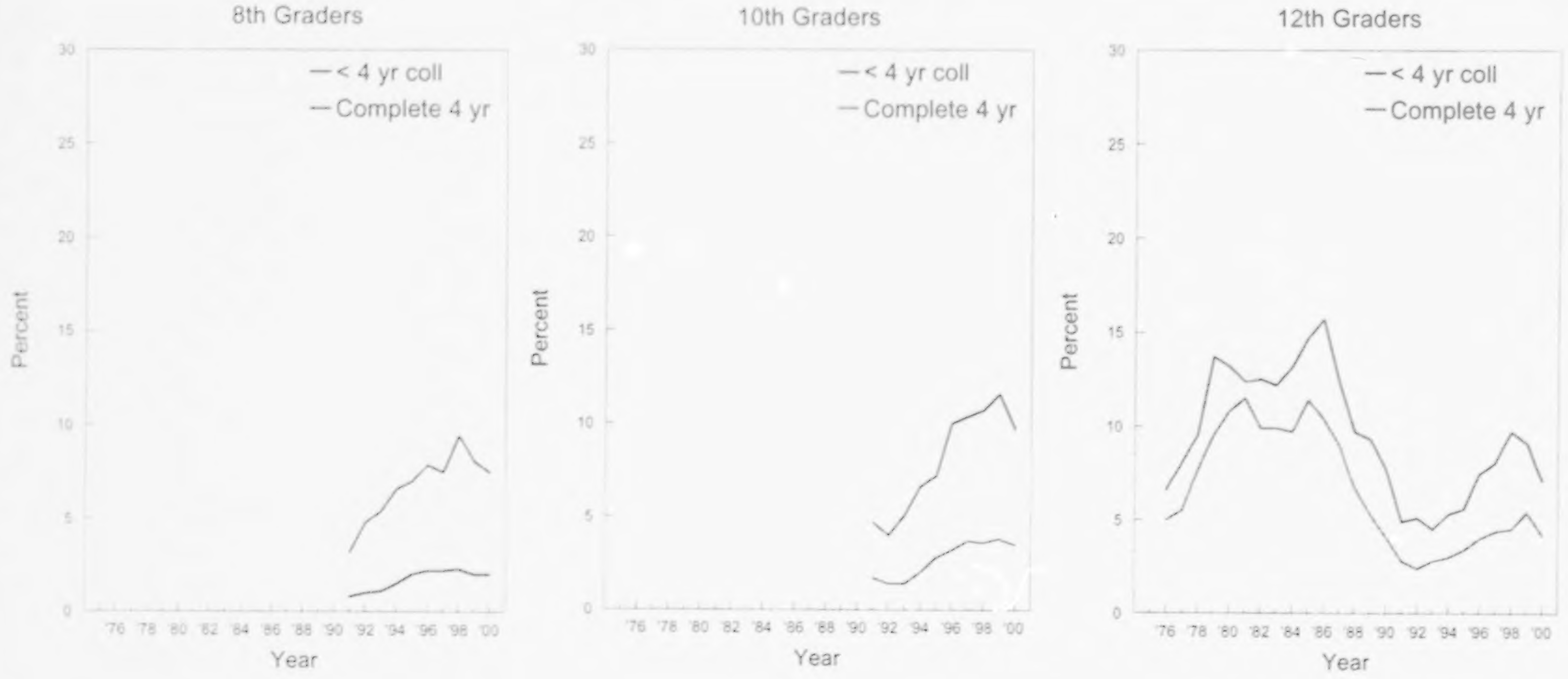


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

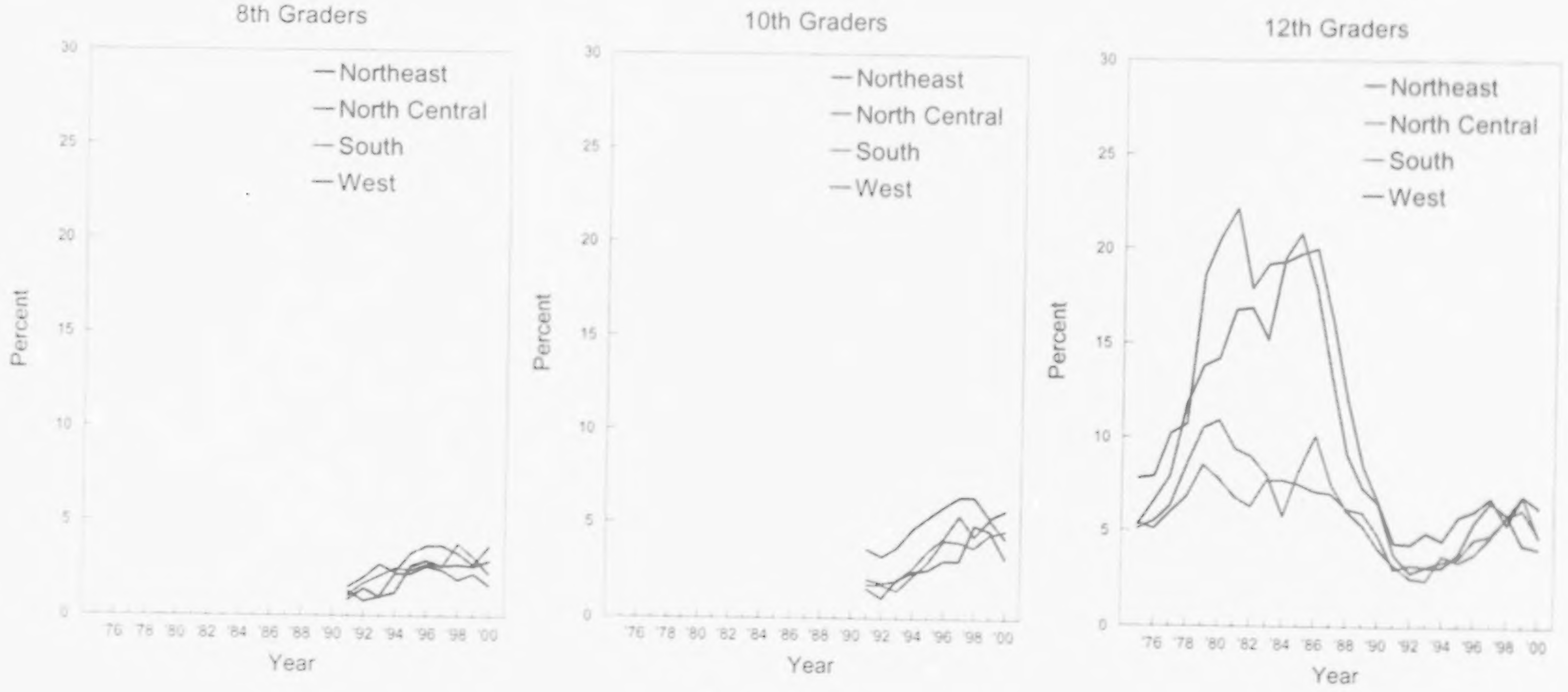
Cocaine: Trends in Annual Prevalence by Gender



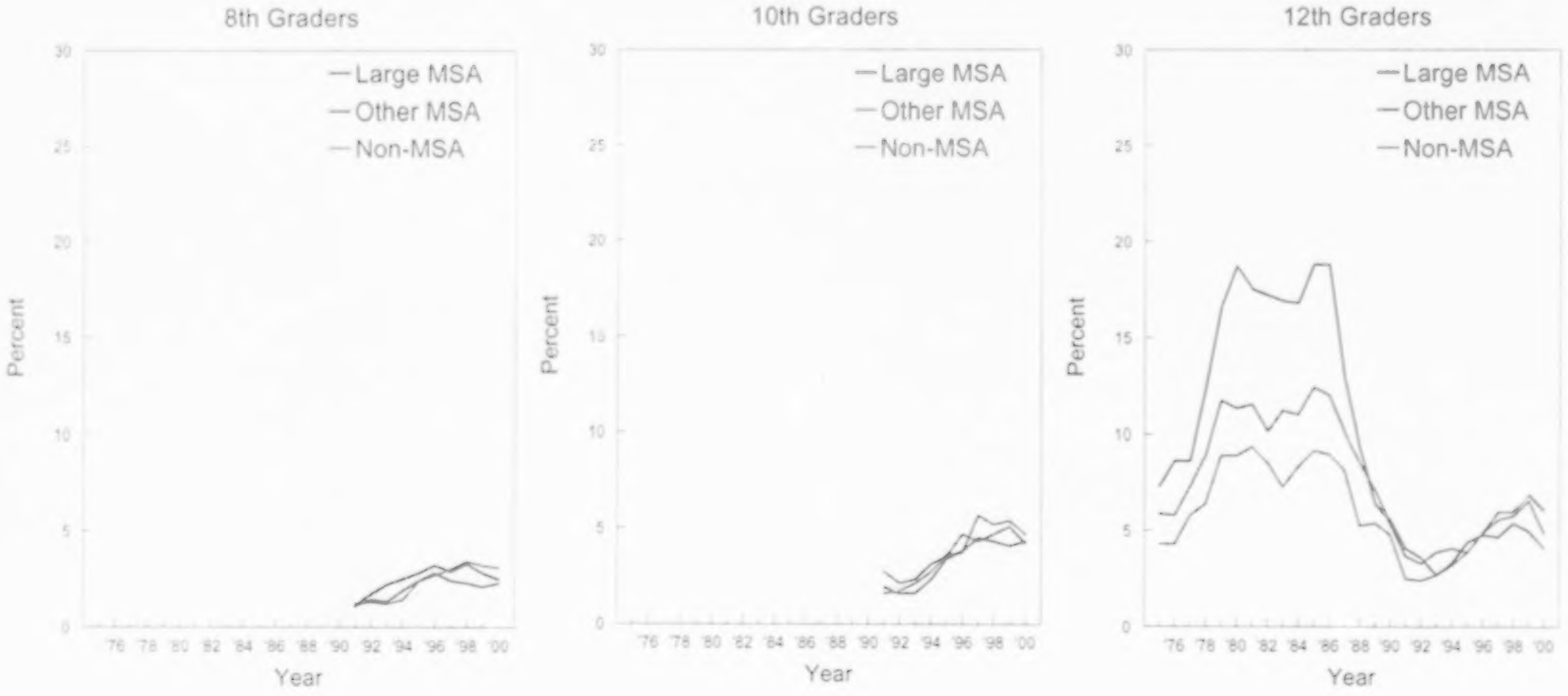
Cocaine: Trends in Annual Prevalence by College Plans



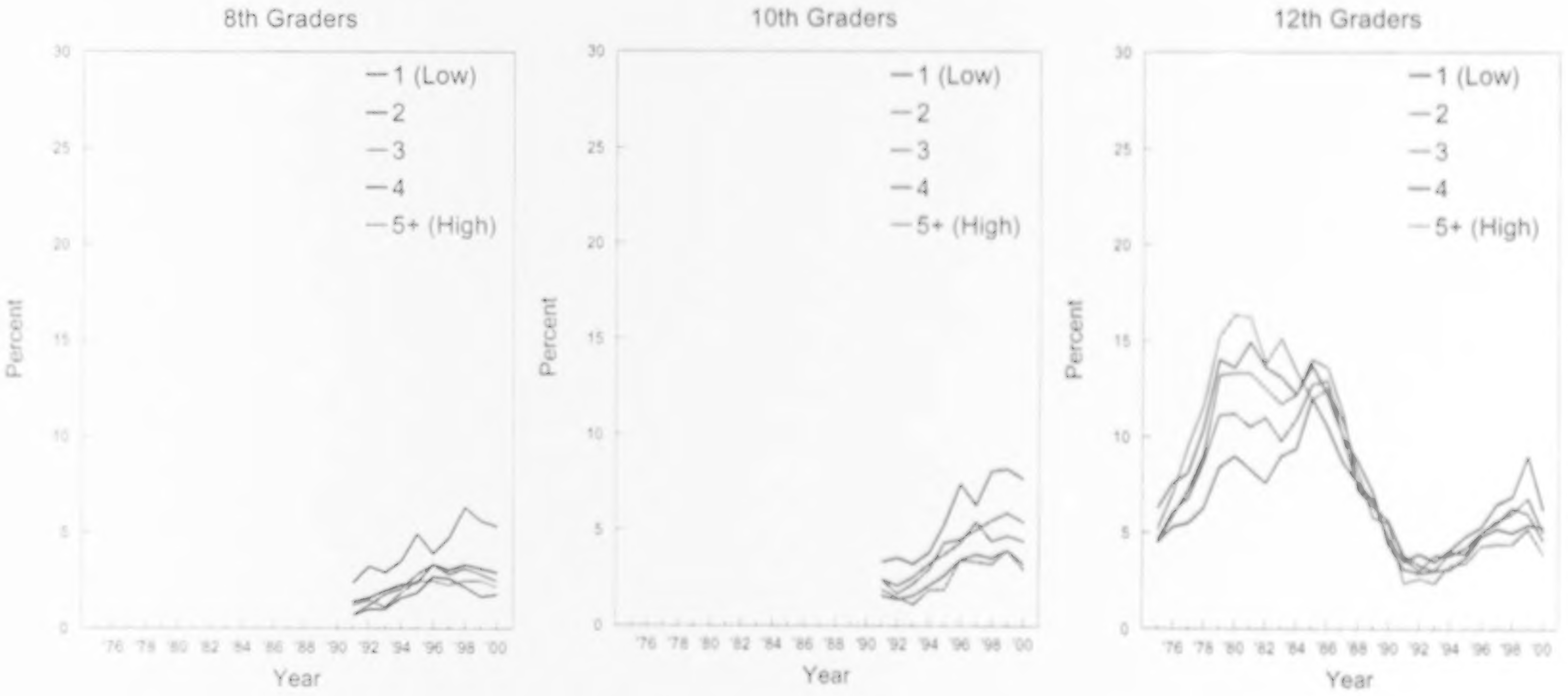
Cocaine: Trends in Annual Prevalence by Region



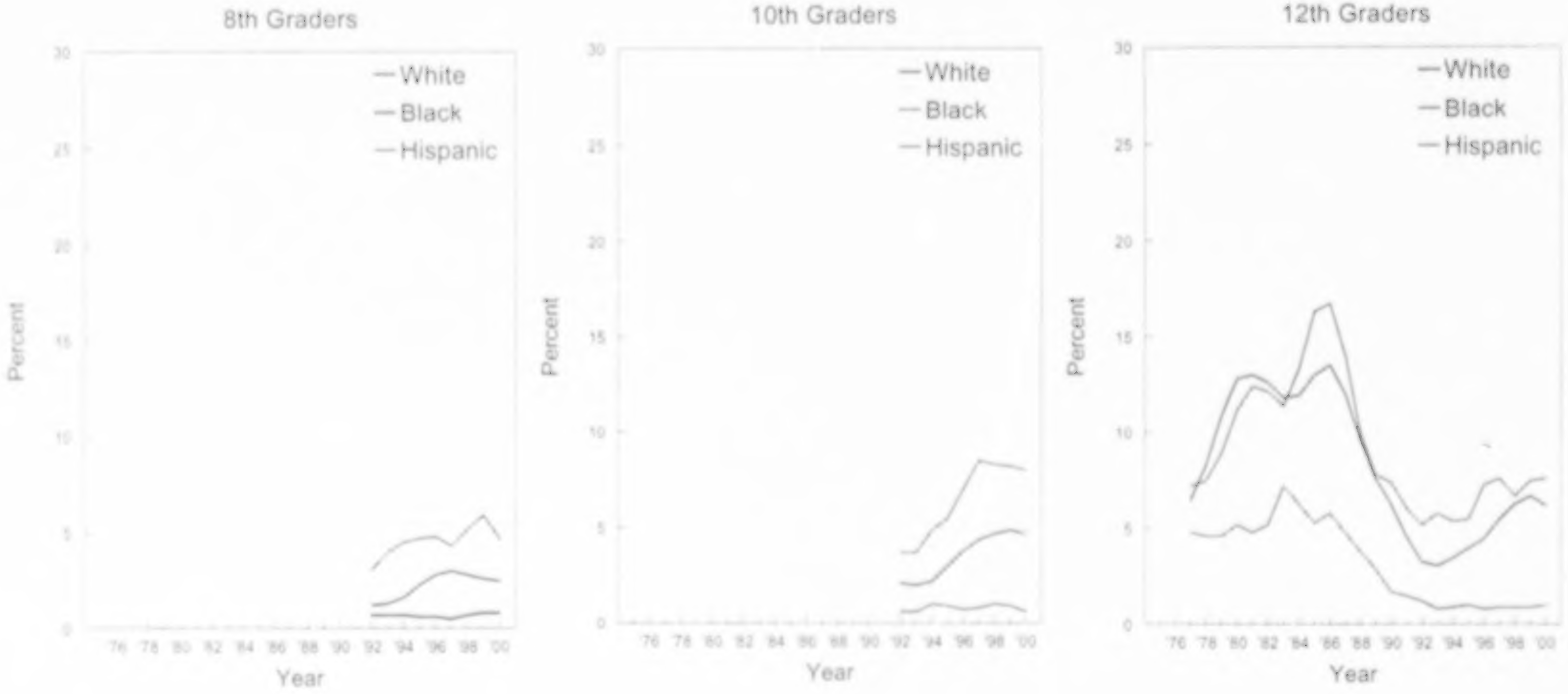
Cocaine: Trends in Annual Prevalence by Population Density



Cocaine: Trends in Annual Prevalence by Parents' Average Education

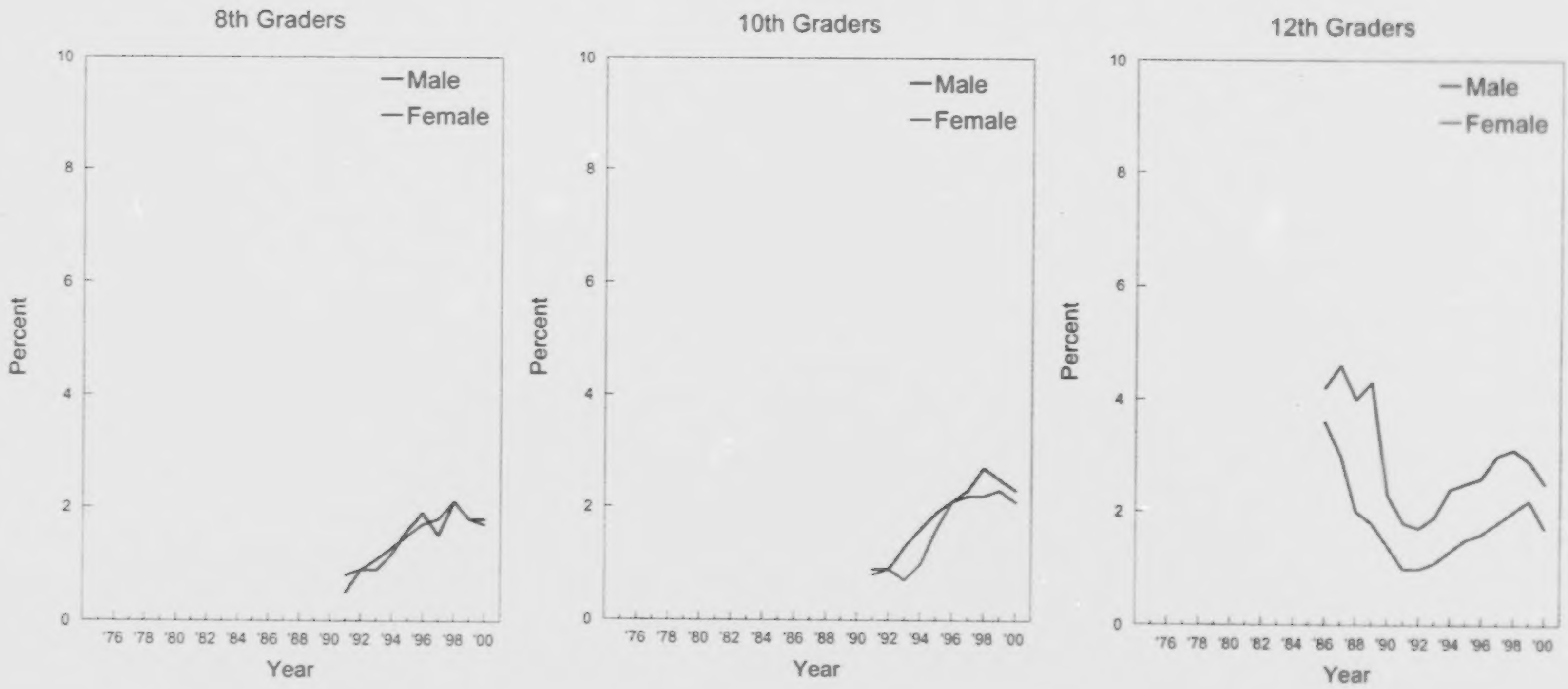


Cocaine: Trends in Annual Prevalence by Race/Ethnicity*



*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

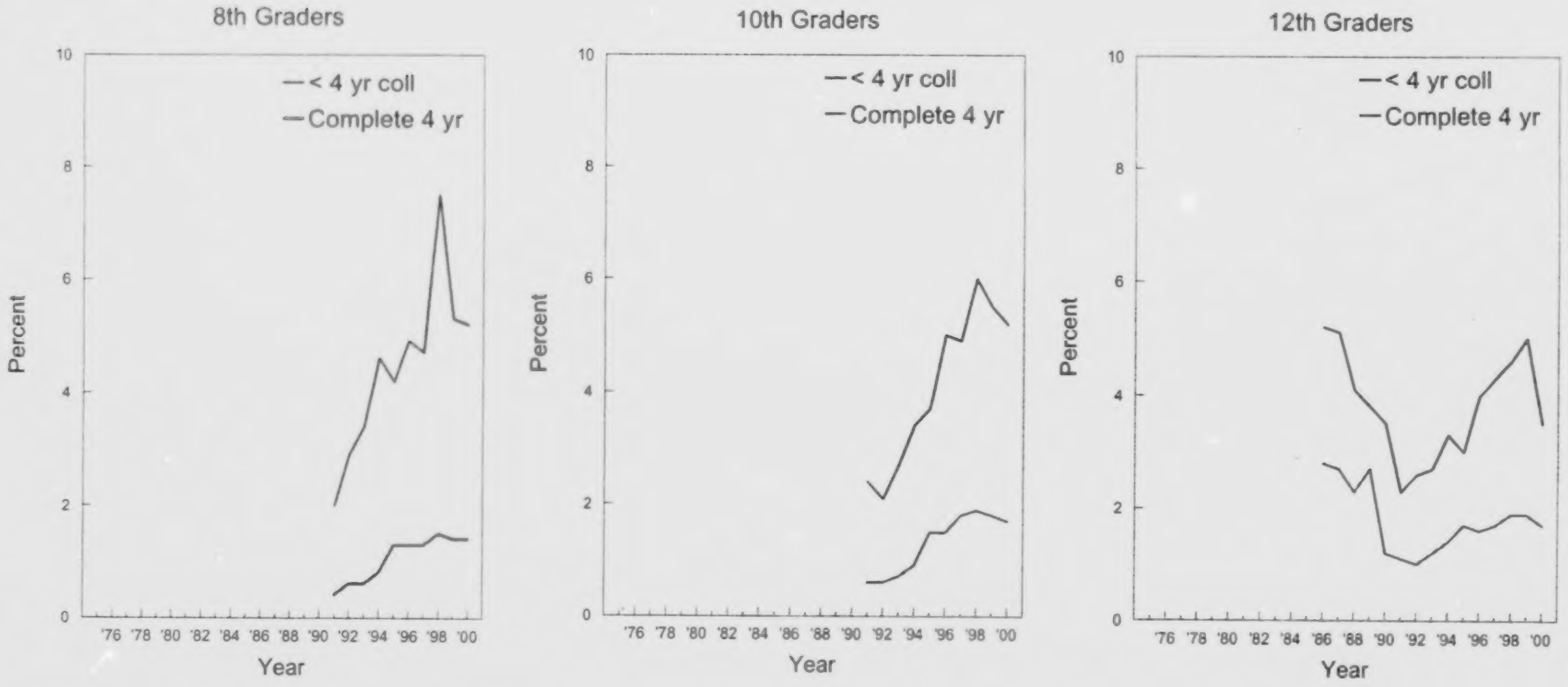
Crack: Trends in Annual Prevalence by Gender


8th Graders

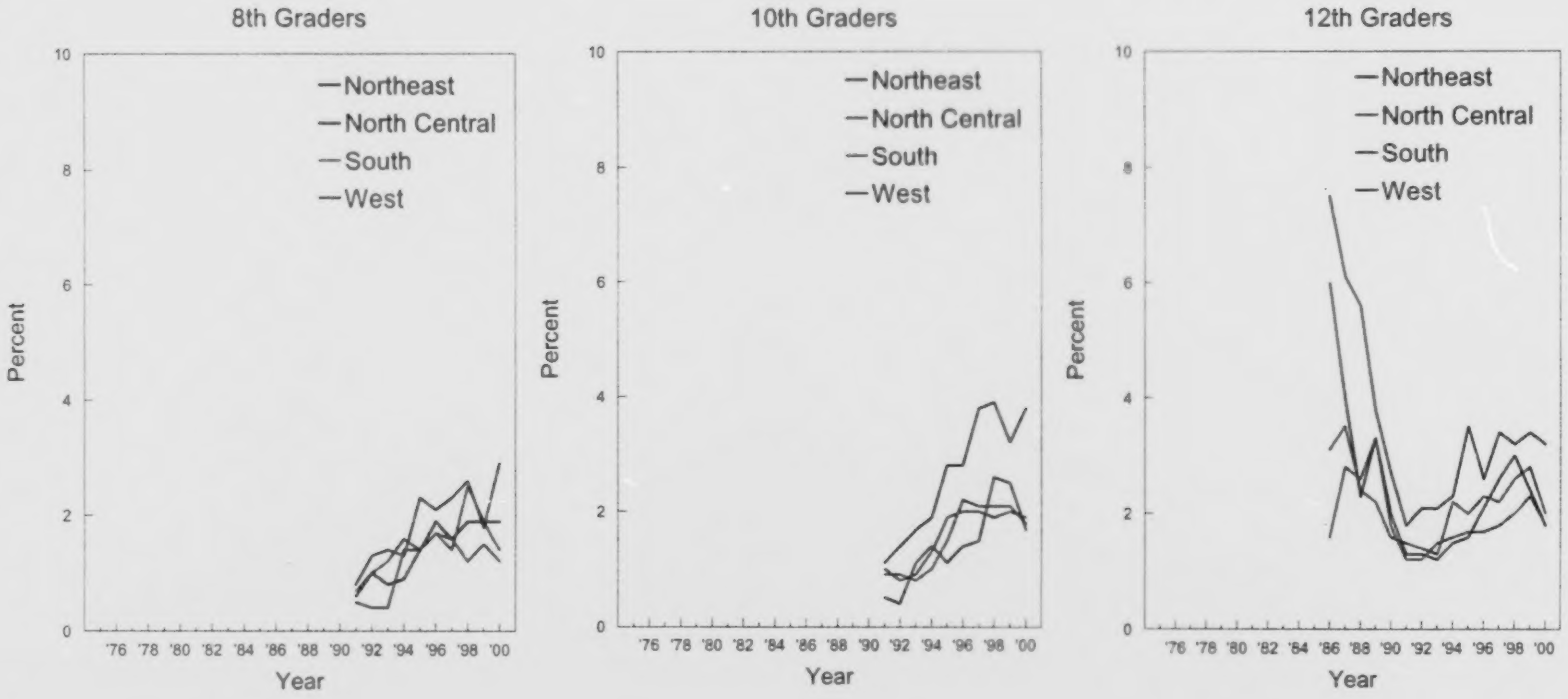
10th Graders

12th Graders

Crack: Trends in Annual Prevalence by College Plans



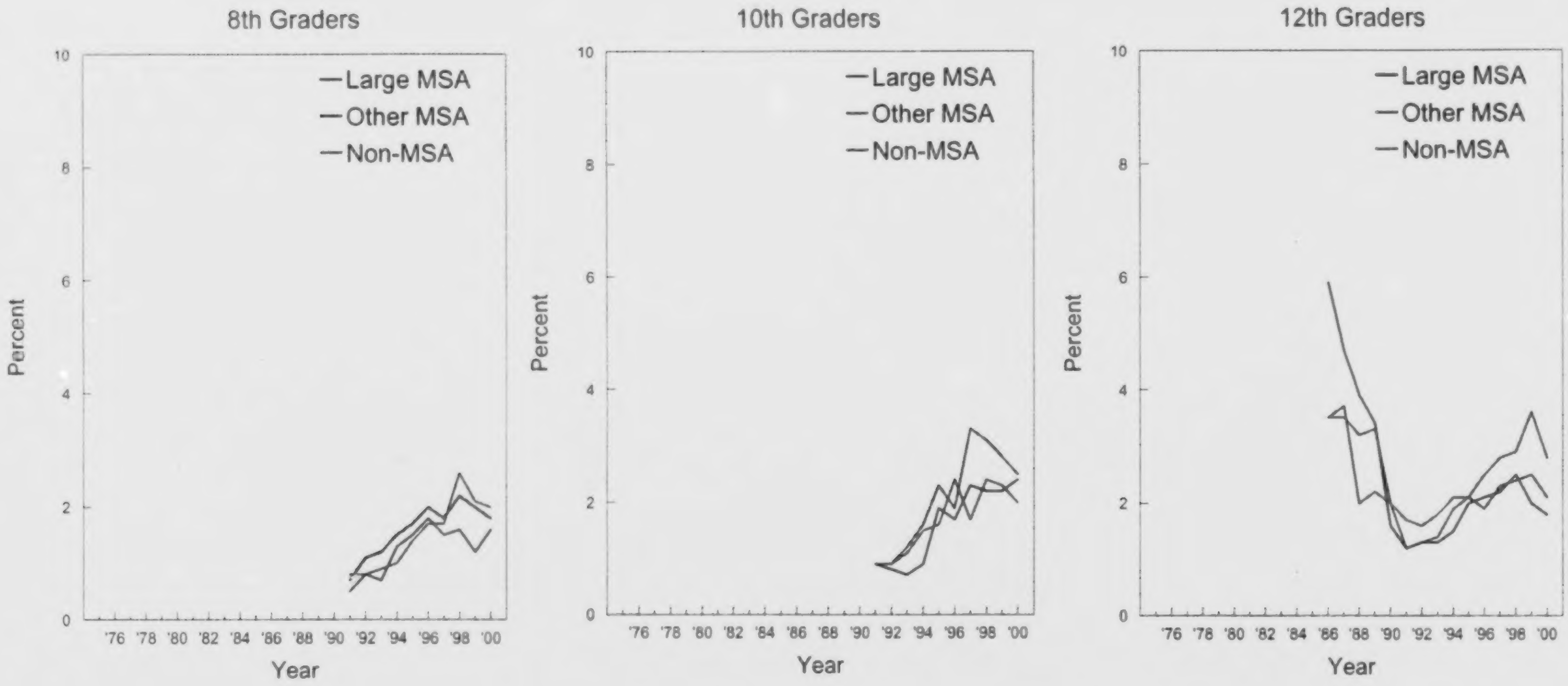
Crack: Trends in Annual Prevalence by Region


8th Graders

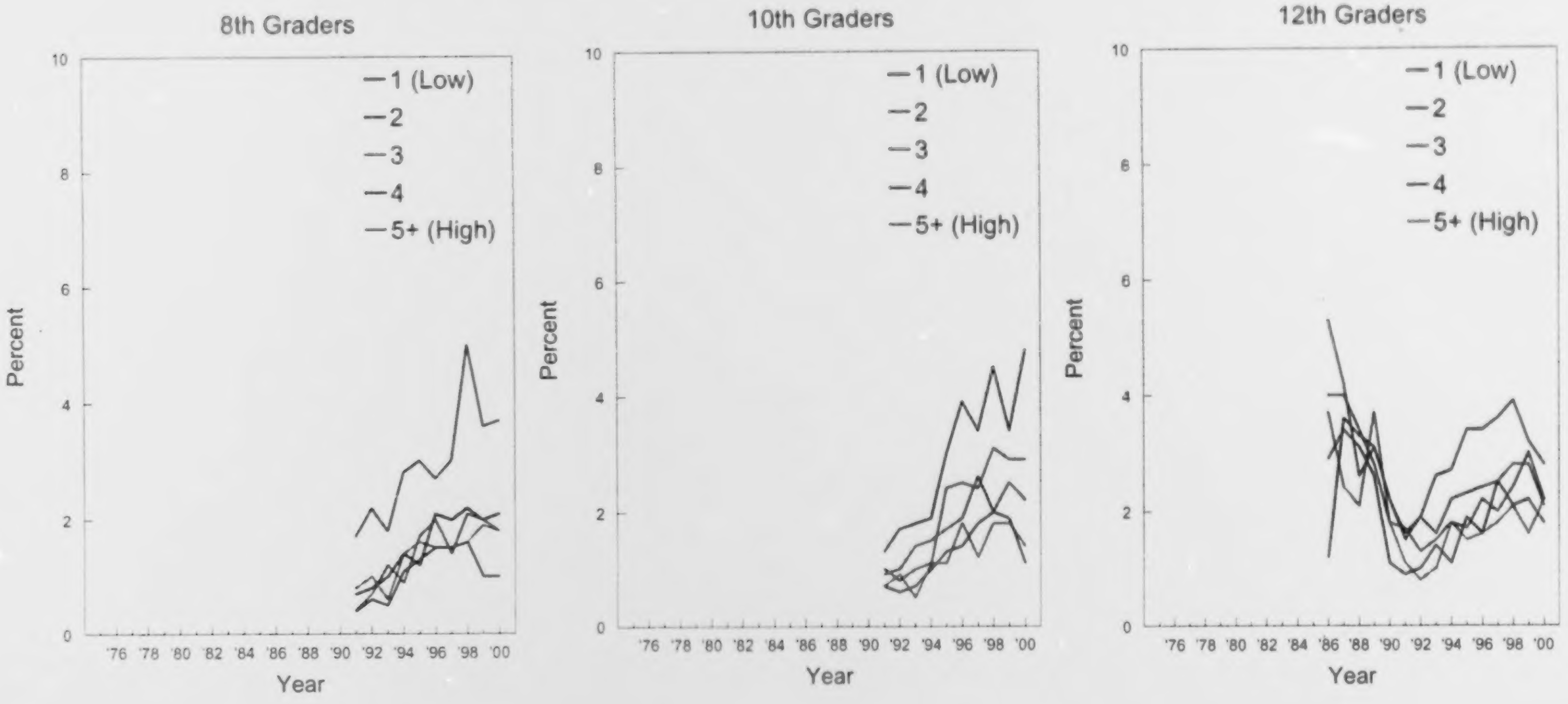
10th Graders

12th Graders

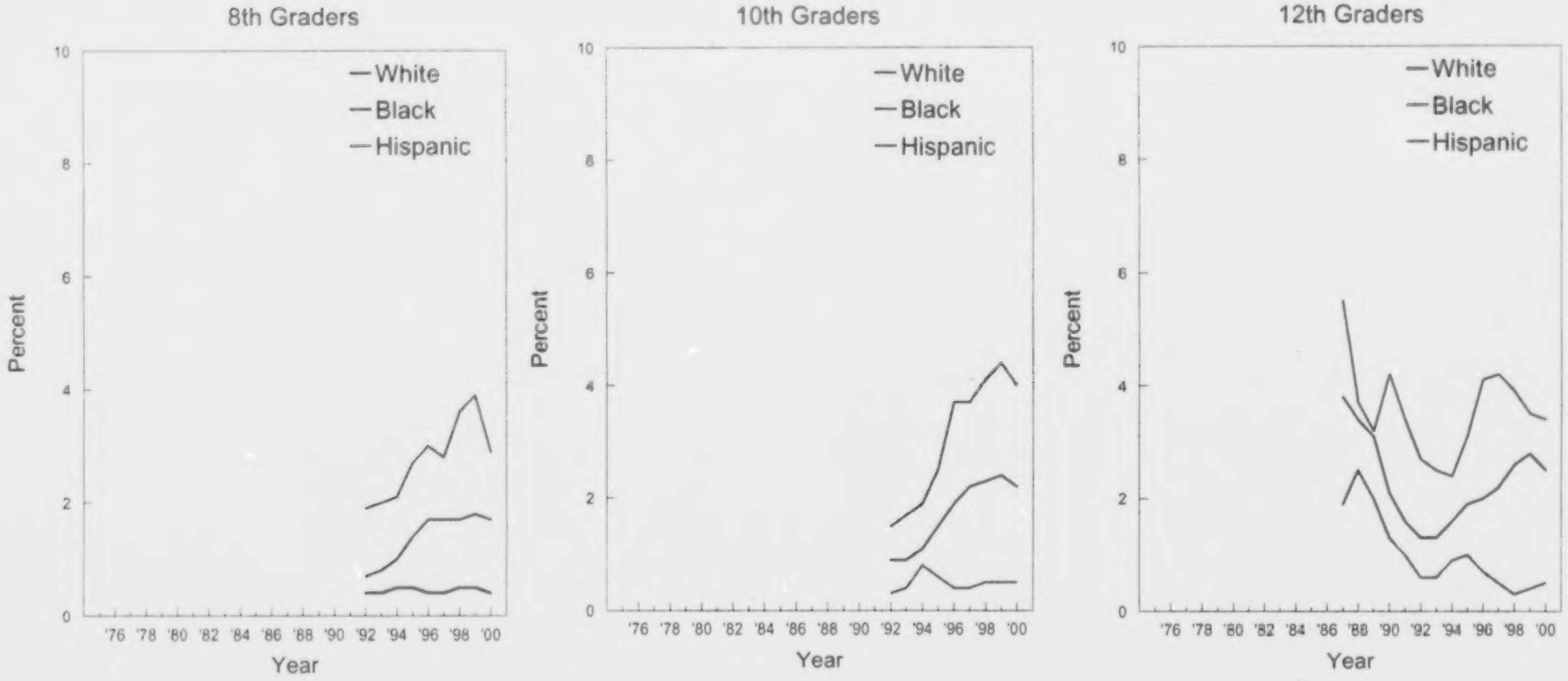
Crack: Trends in Annual Prevalence by Population Density



Crack: Trends in Annual Prevalence by Parents' Average Education

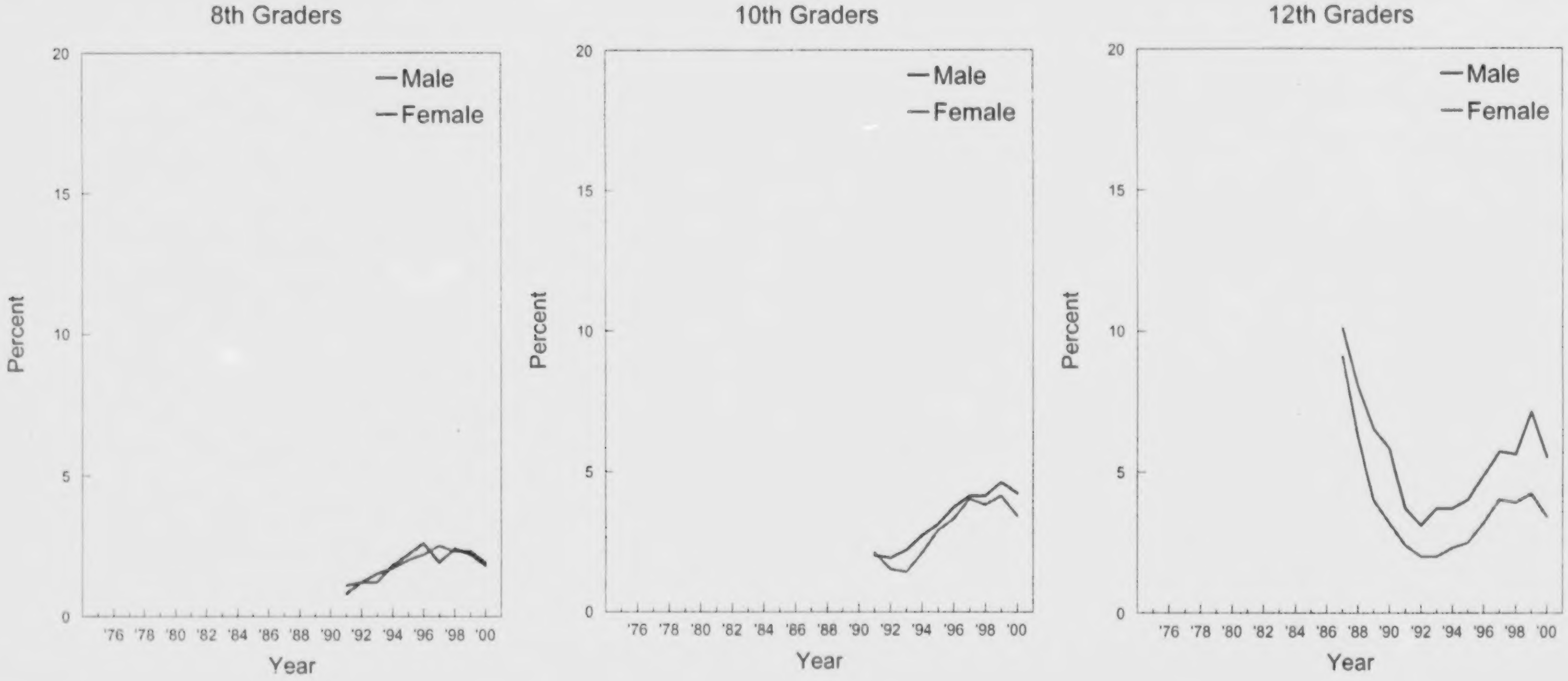


Crack: Trends in Annual Prevalence by Race/Ethnicity*

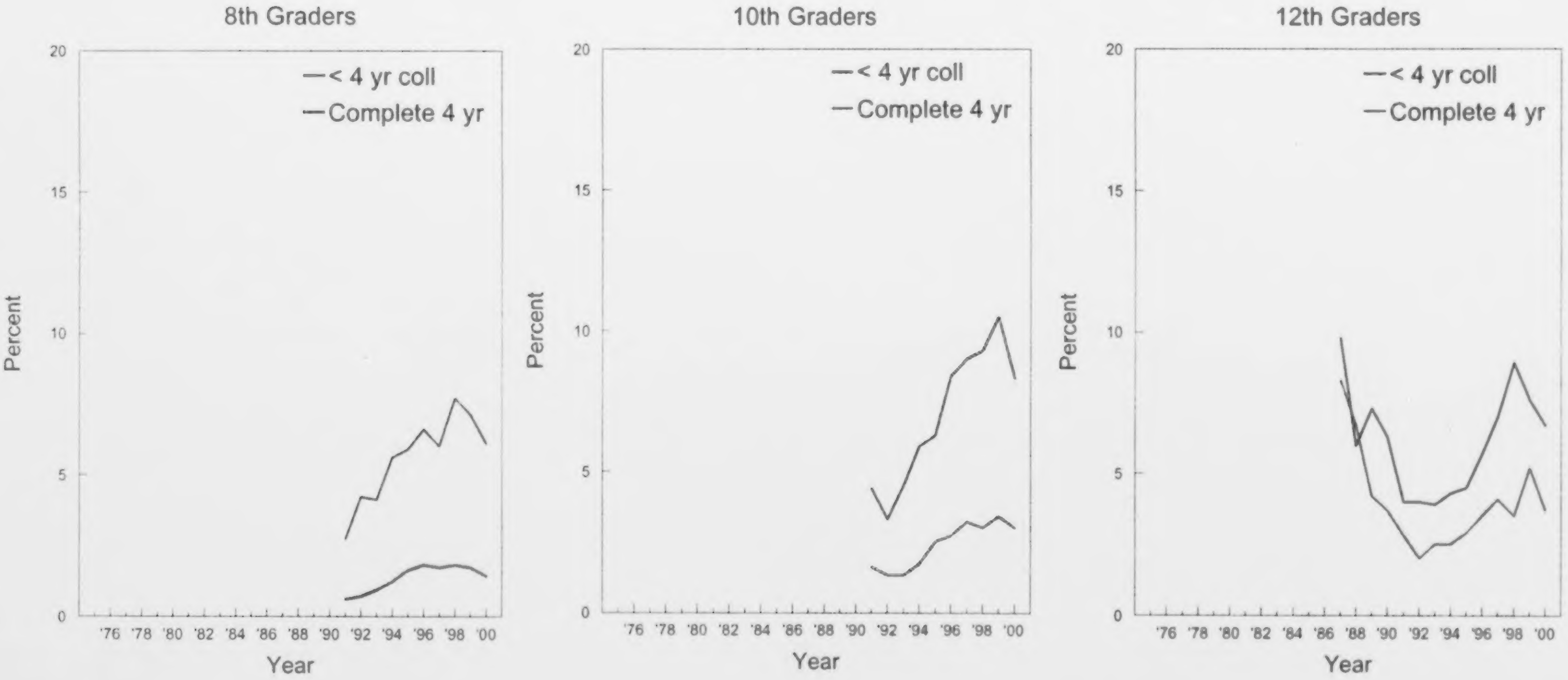


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

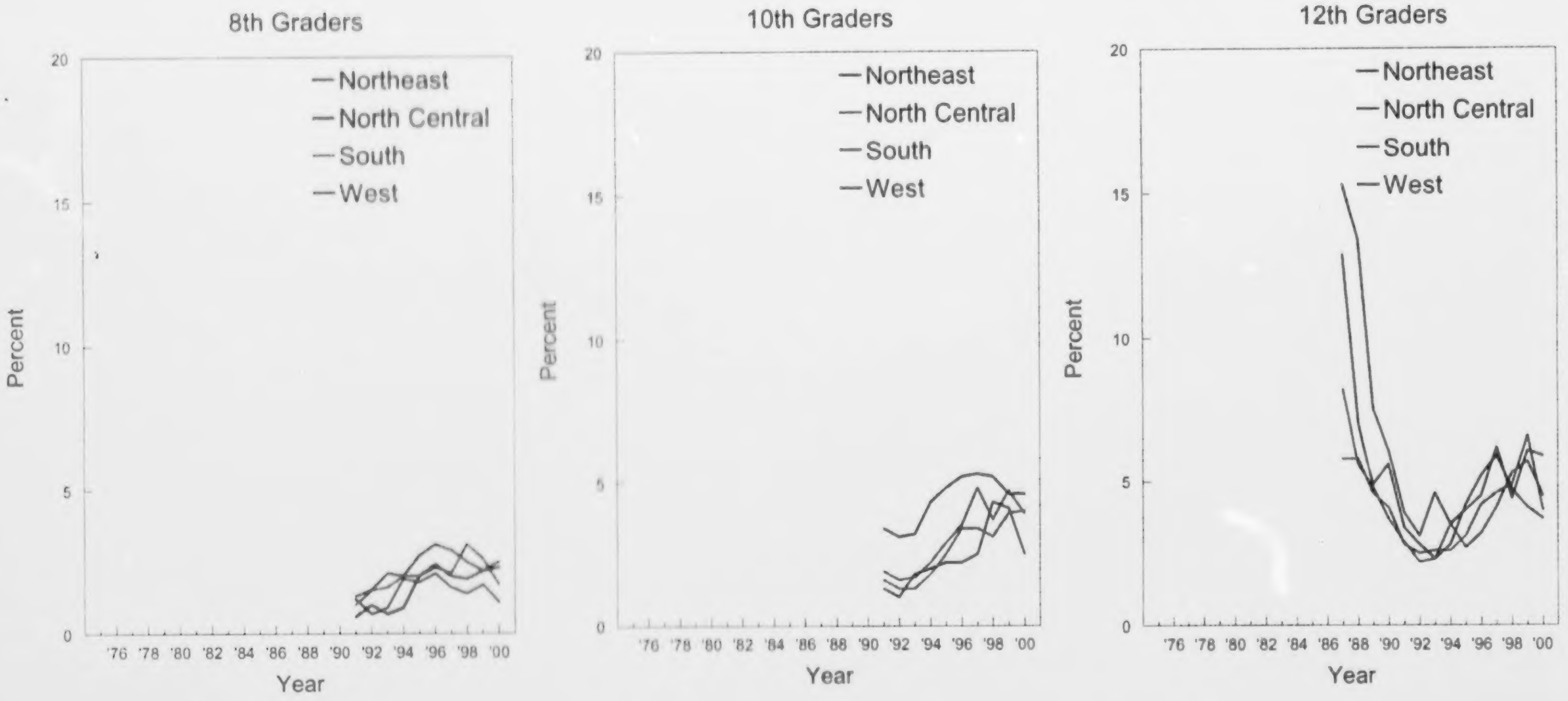
Other Cocaine: Trends in Annual Prevalence by Gender



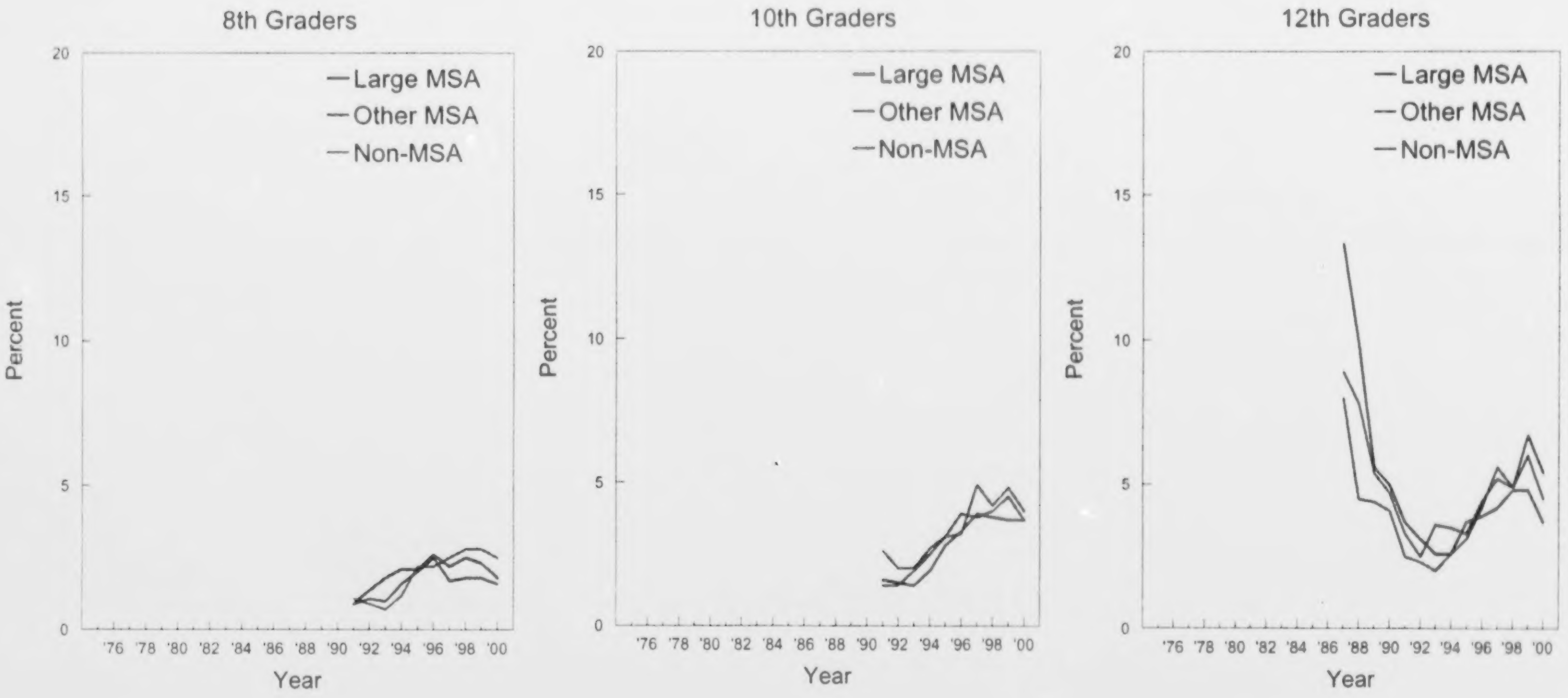
Other Cocaine: Trends in Annual Prevalence by College Plans



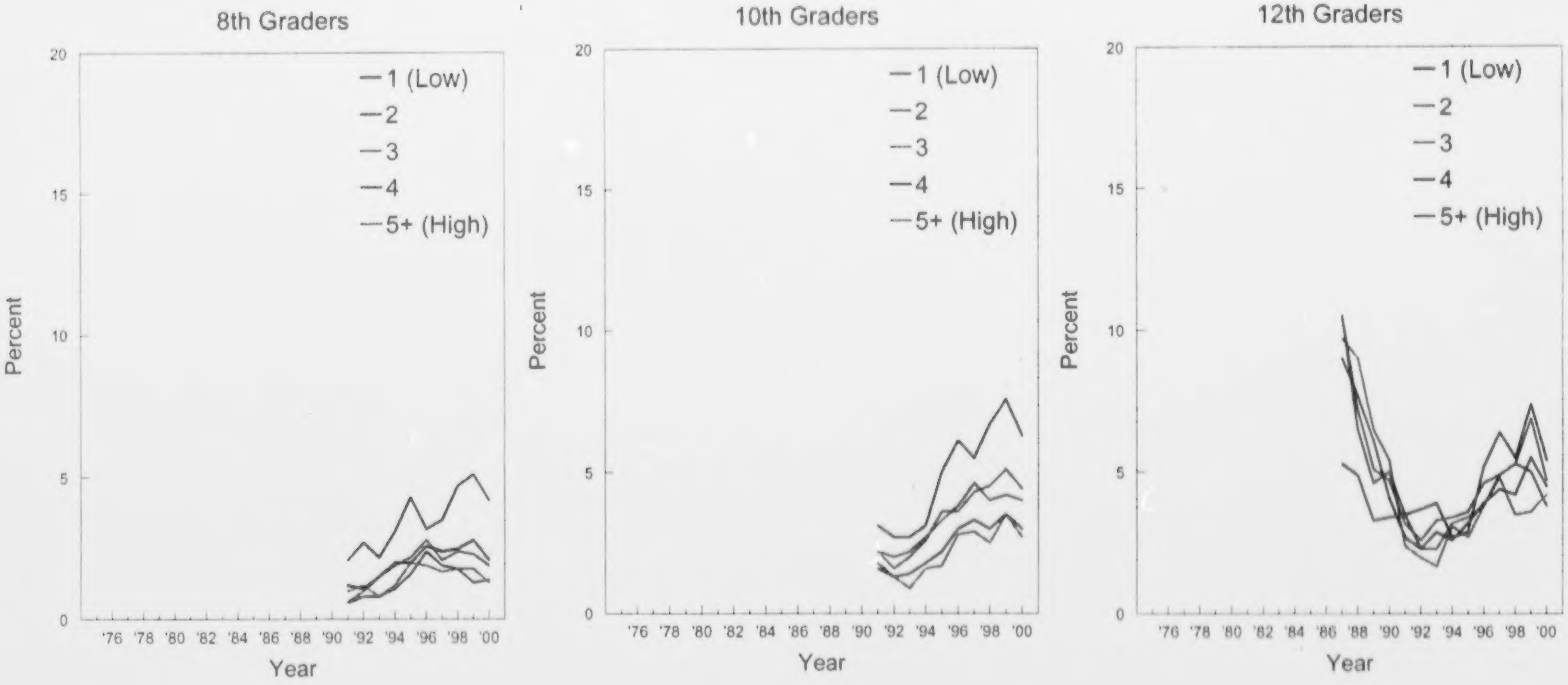
Other Cocaine: Trends in Annual Prevalence by Region



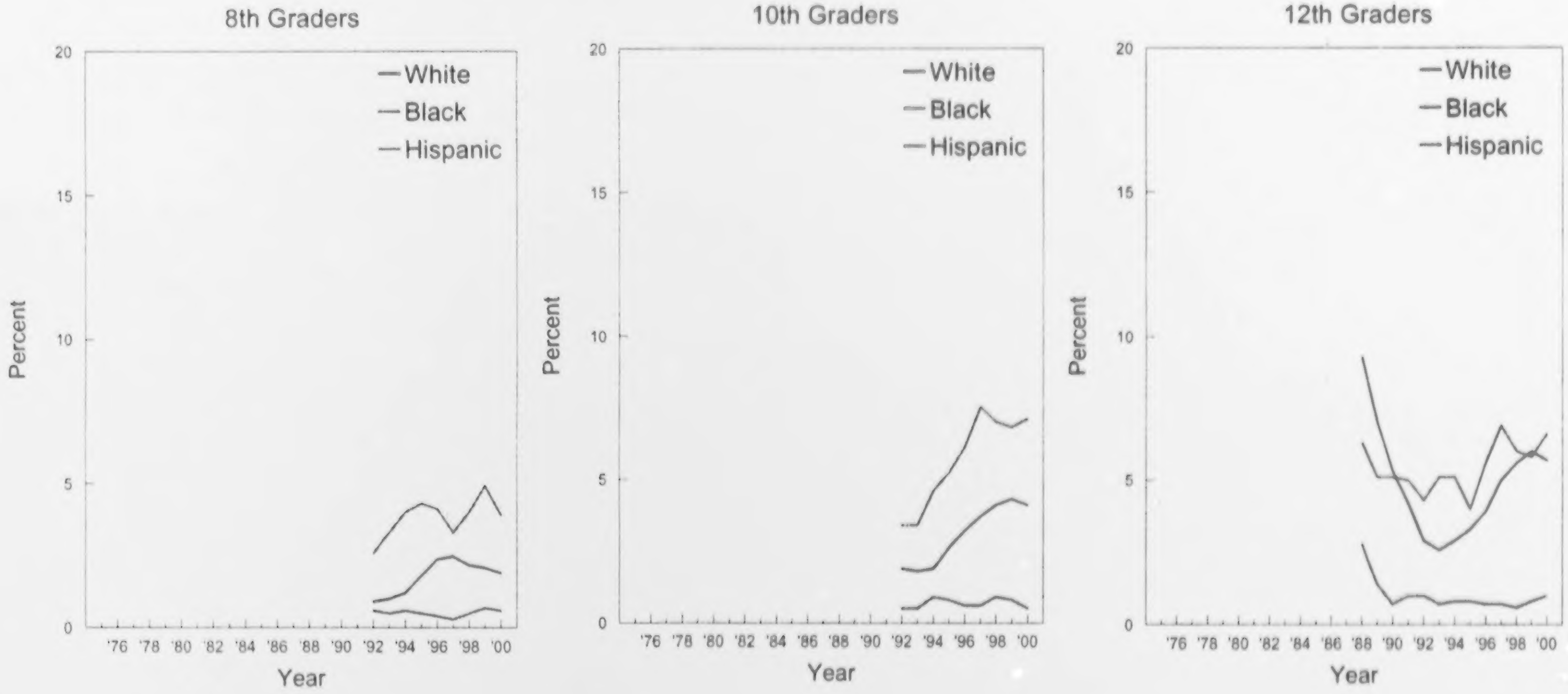
Other Cocaine: Trends in Annual Prevalence by Population Density



Other Cocaine: Trends in Annual Prevalence by Parents' Average Education

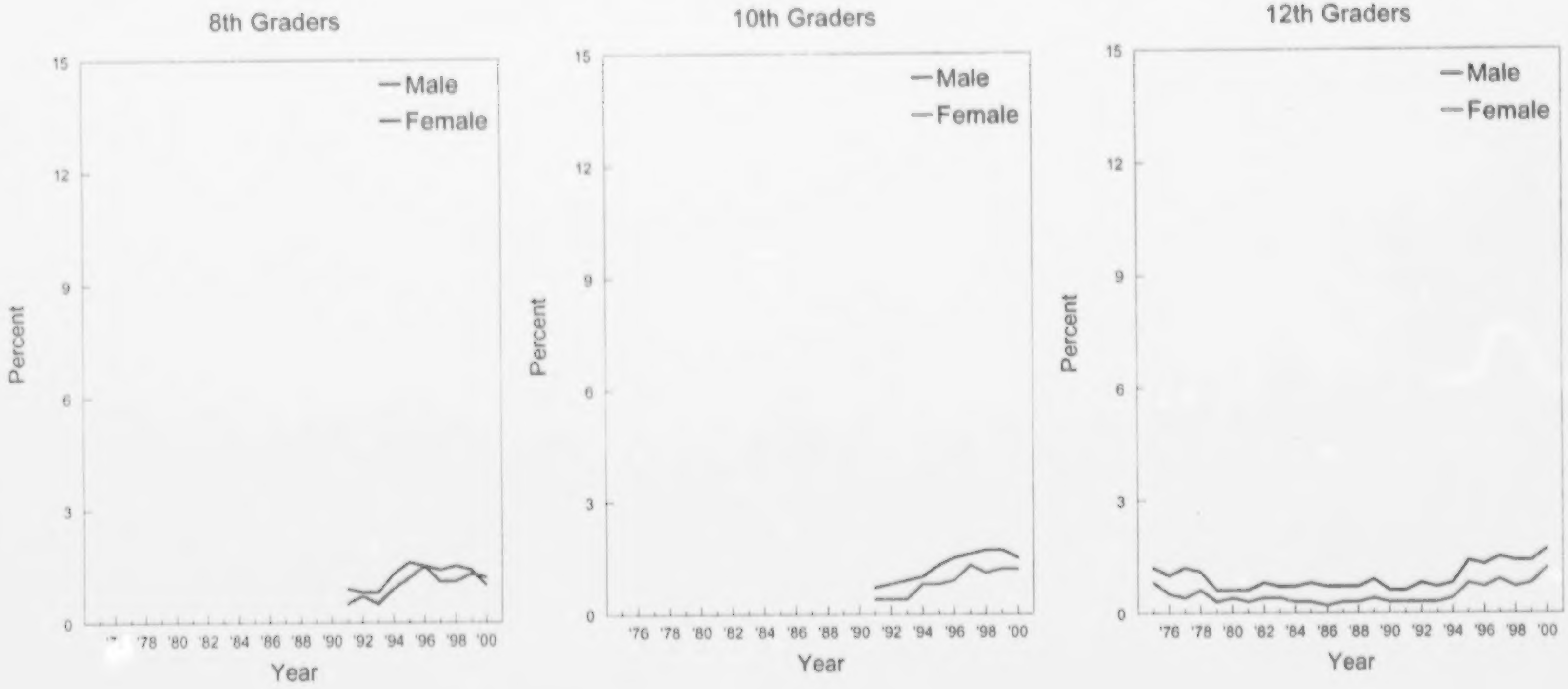


Other Cocaine: Trends in Annual Prevalence by Race/Ethnicity*

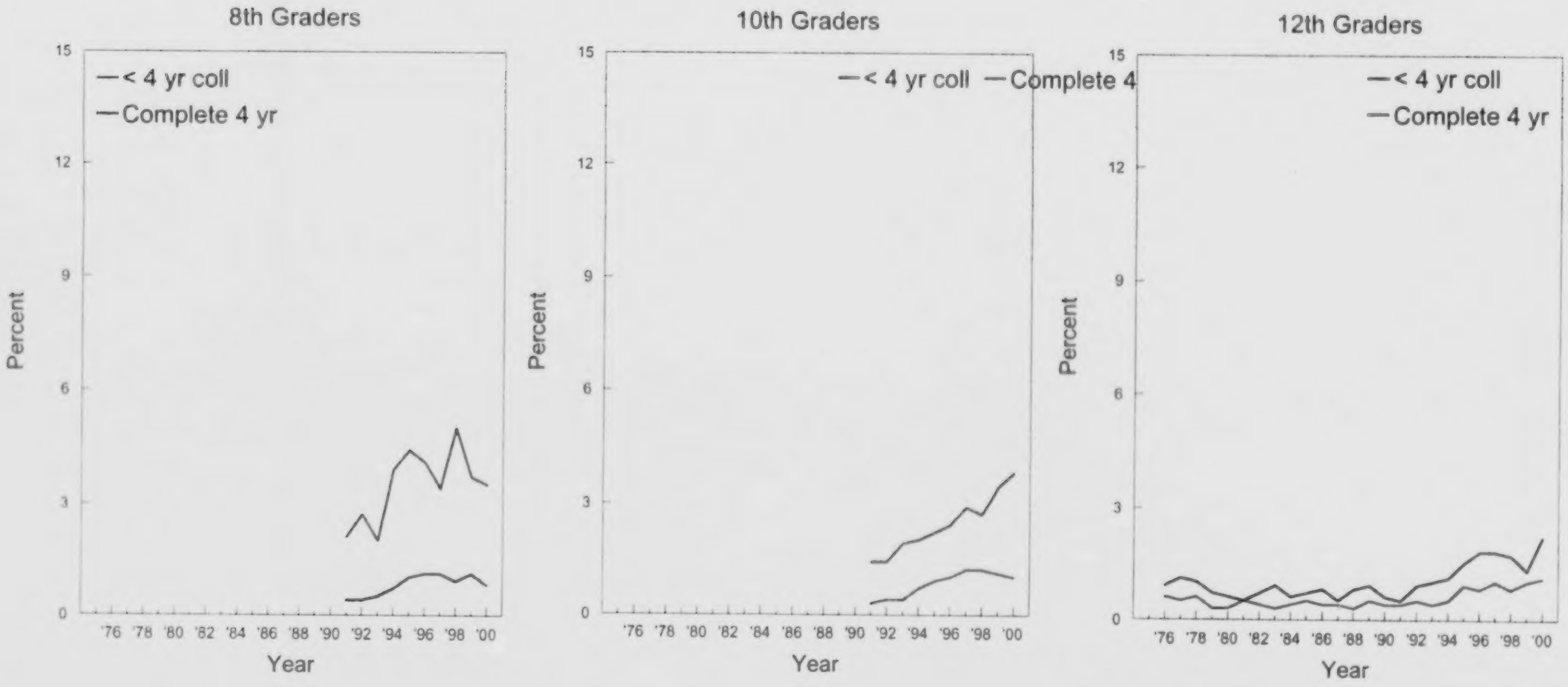


*NOTE: This graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

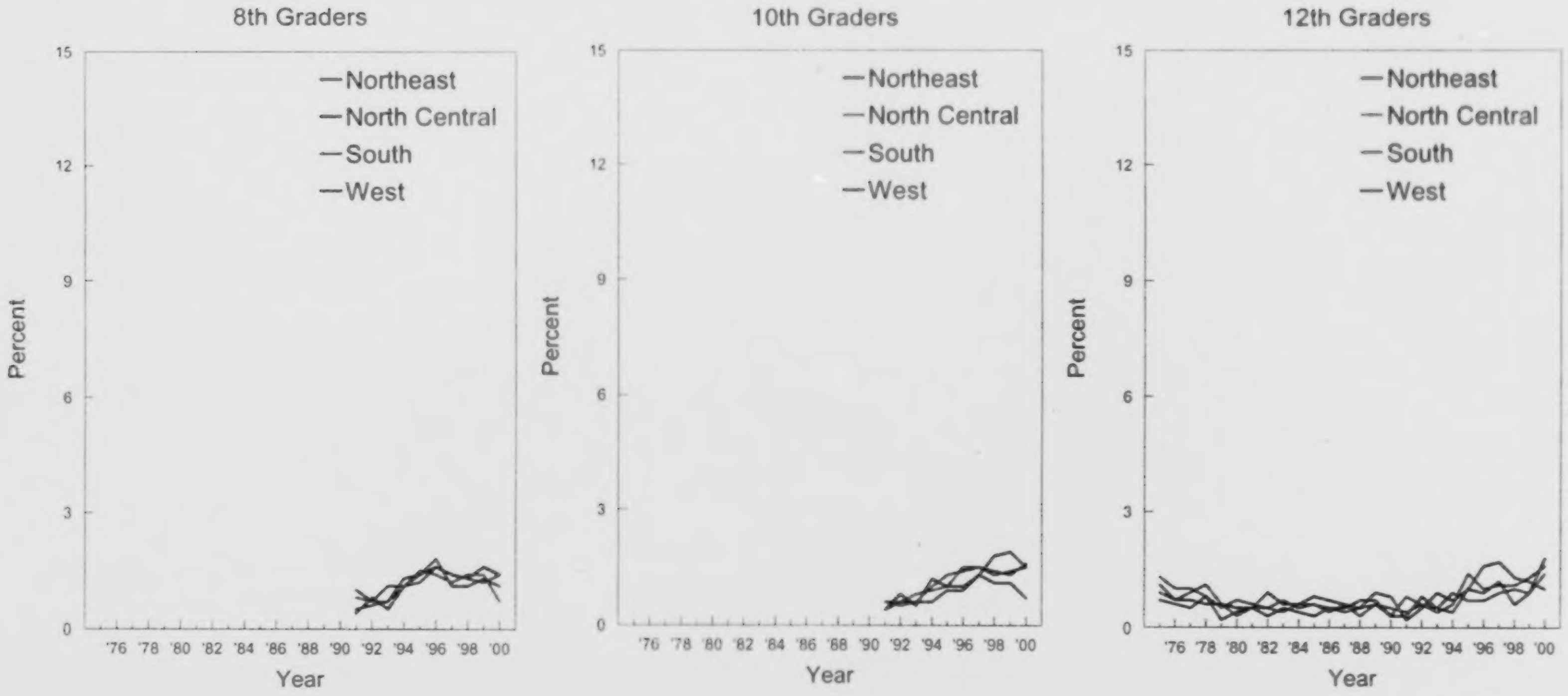
Heroin: Trends in Annual Prevalence by Gender



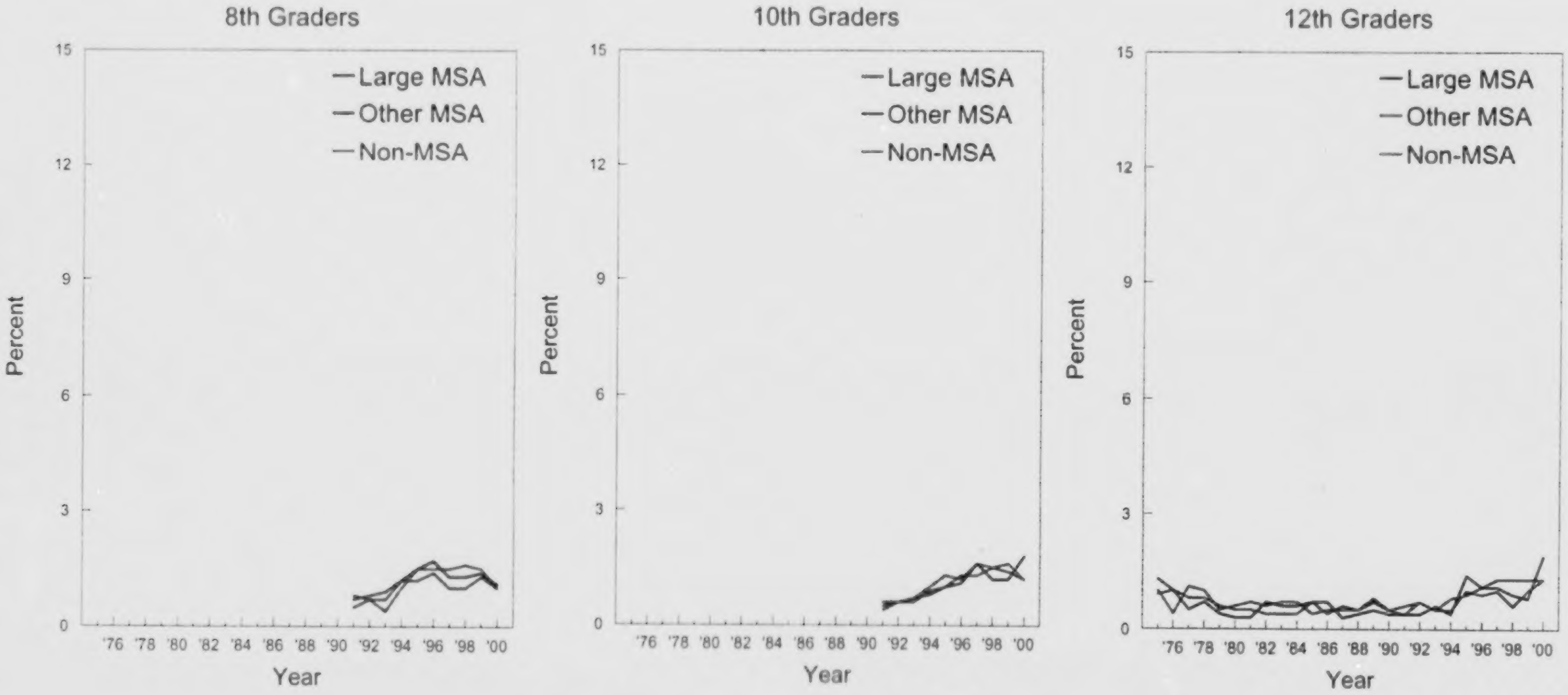
Heroin: Trends in Annual Prevalence by College Plans



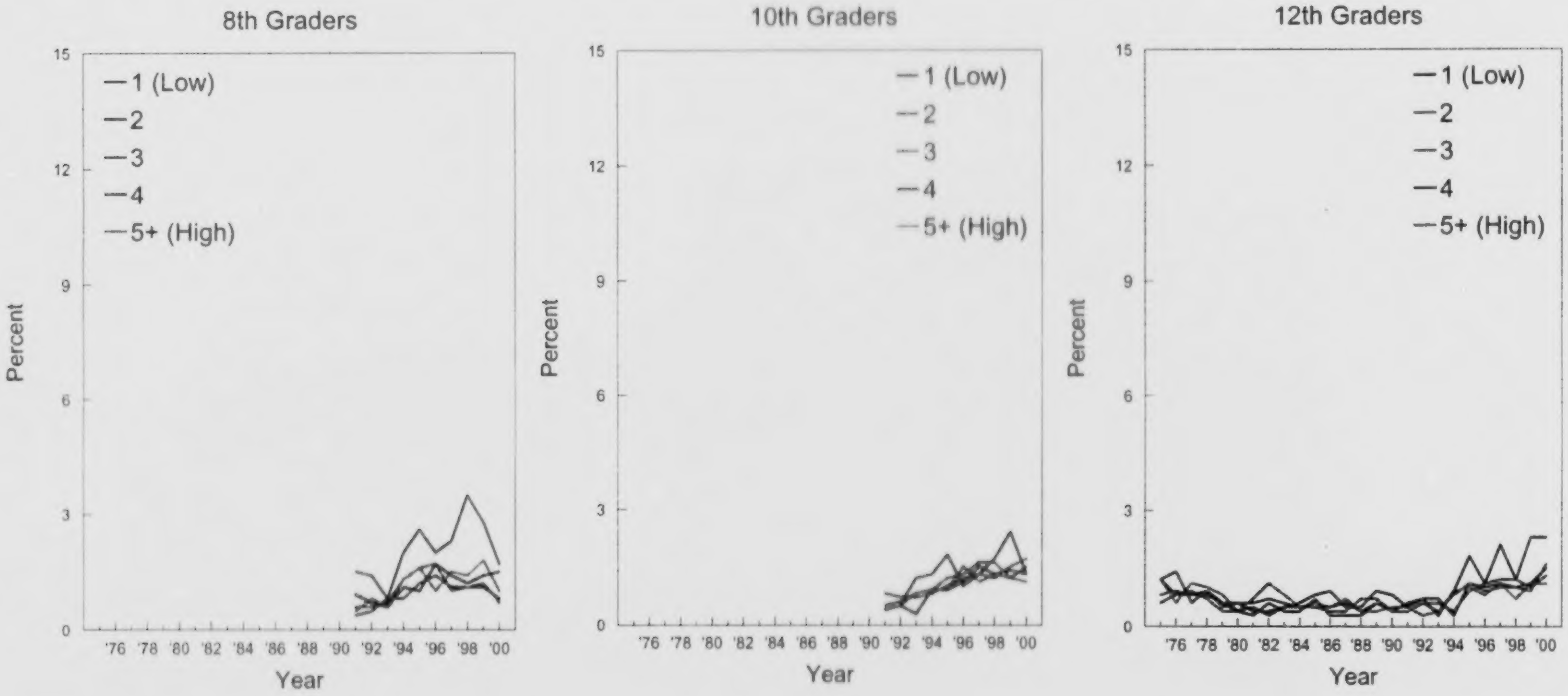
Heroin: Trends in Annual Prevalence by Region



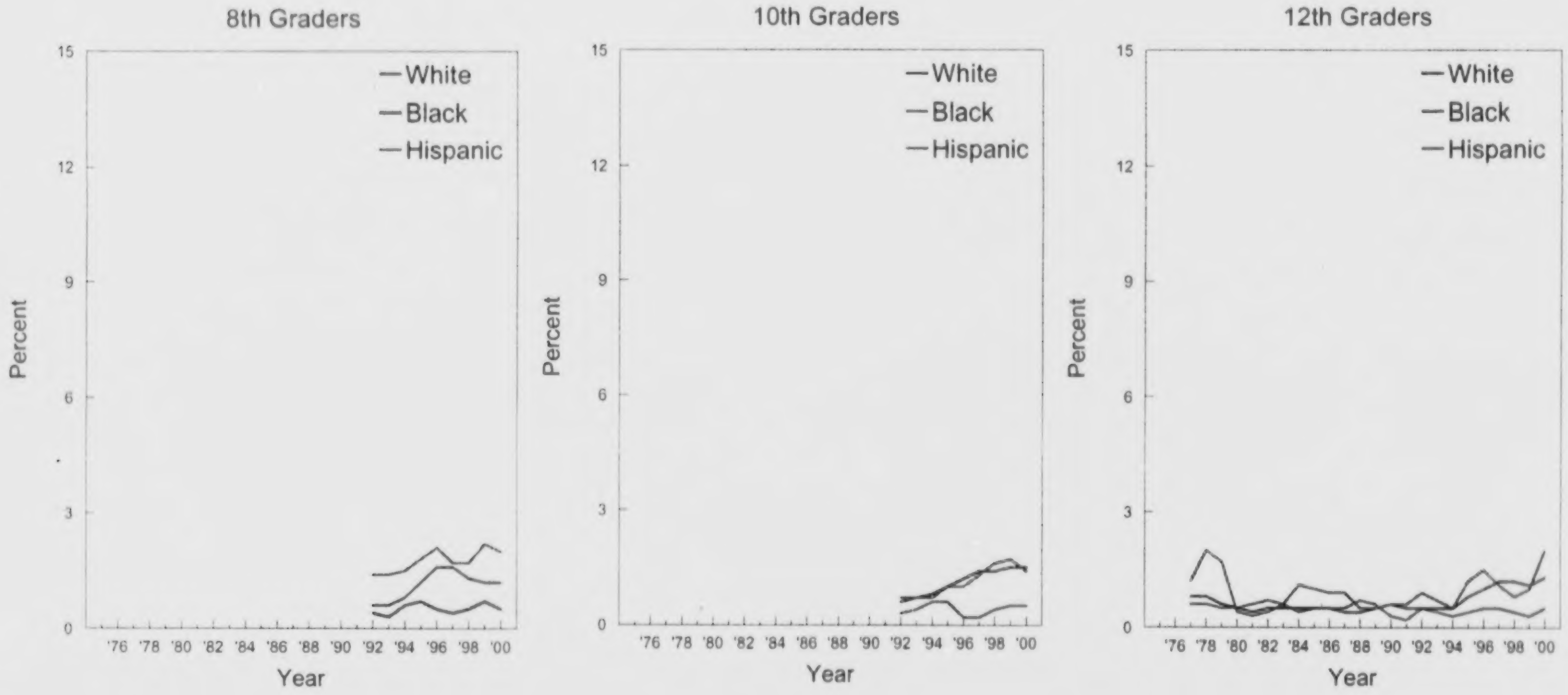
Heroin: Trends in Annual Prevalence by Population Density



Heroin: Trends in Annual Prevalence by Parents' Average Education

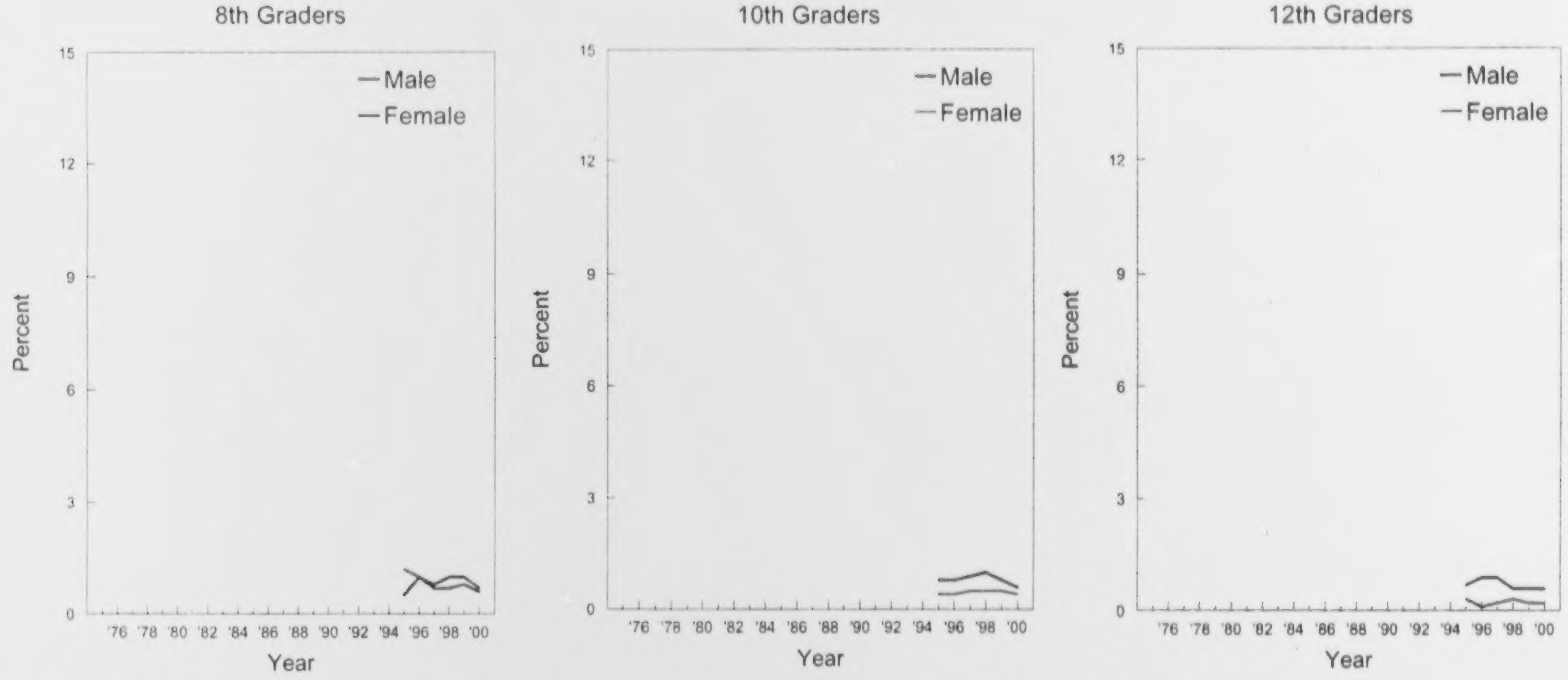


Heroin: Trends in Annual Prevalence by Race/Ethnicity*

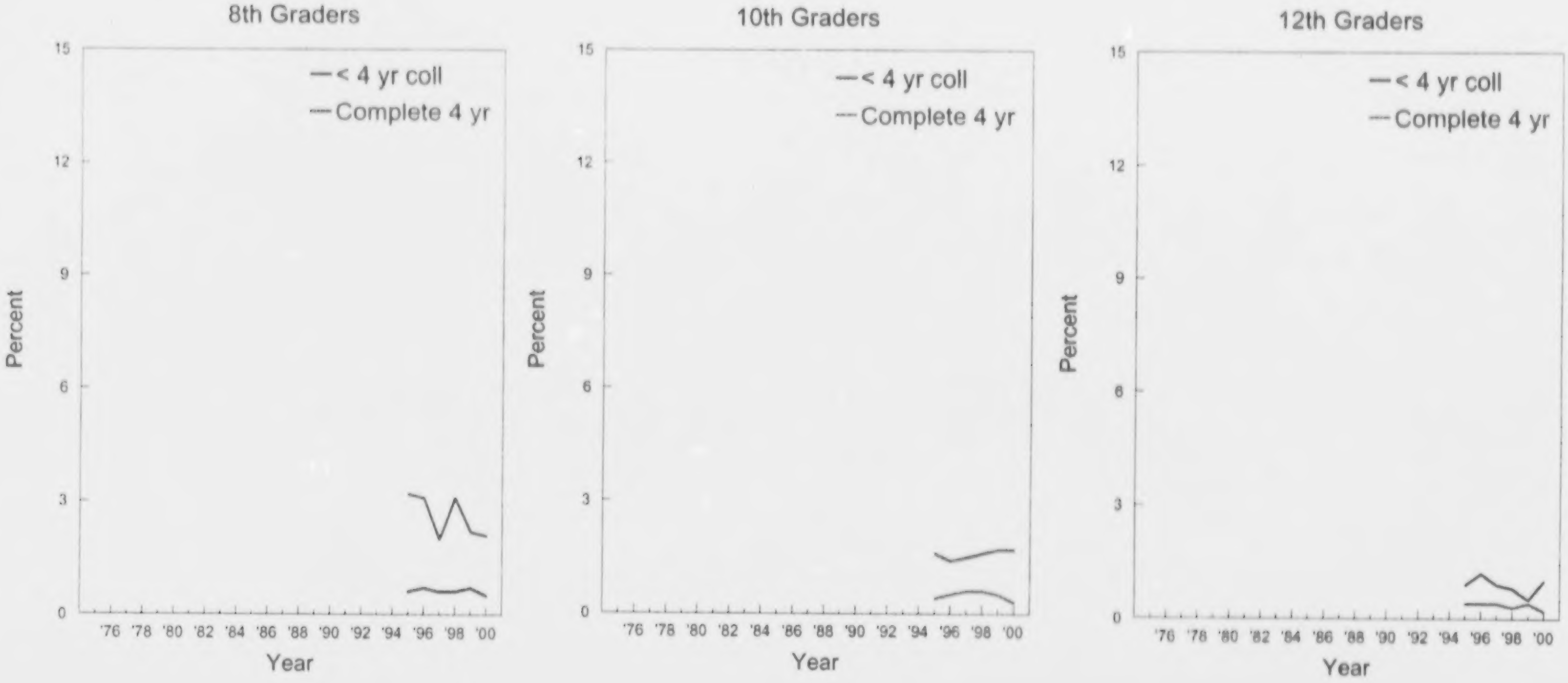


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

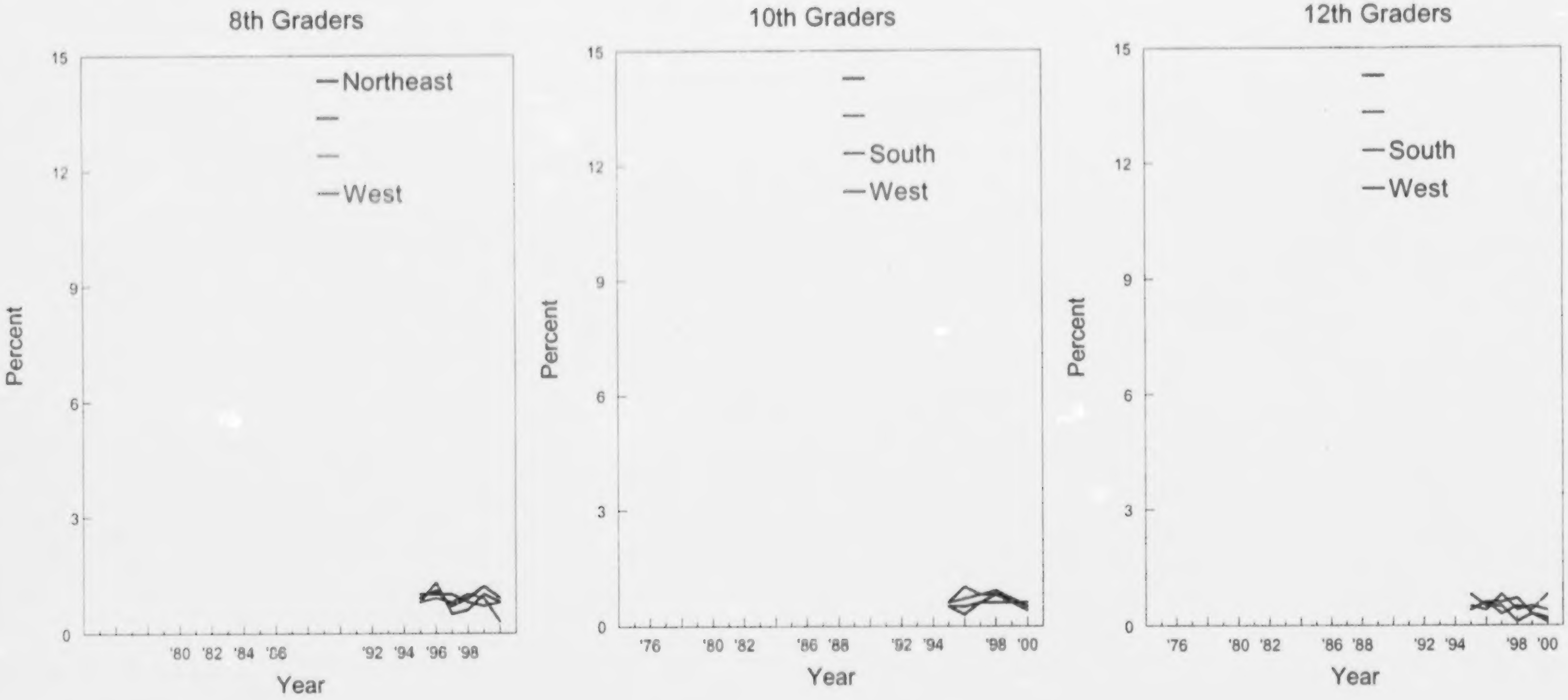
Heroin with a Needle: Trends in Annual Prevalence by Gender



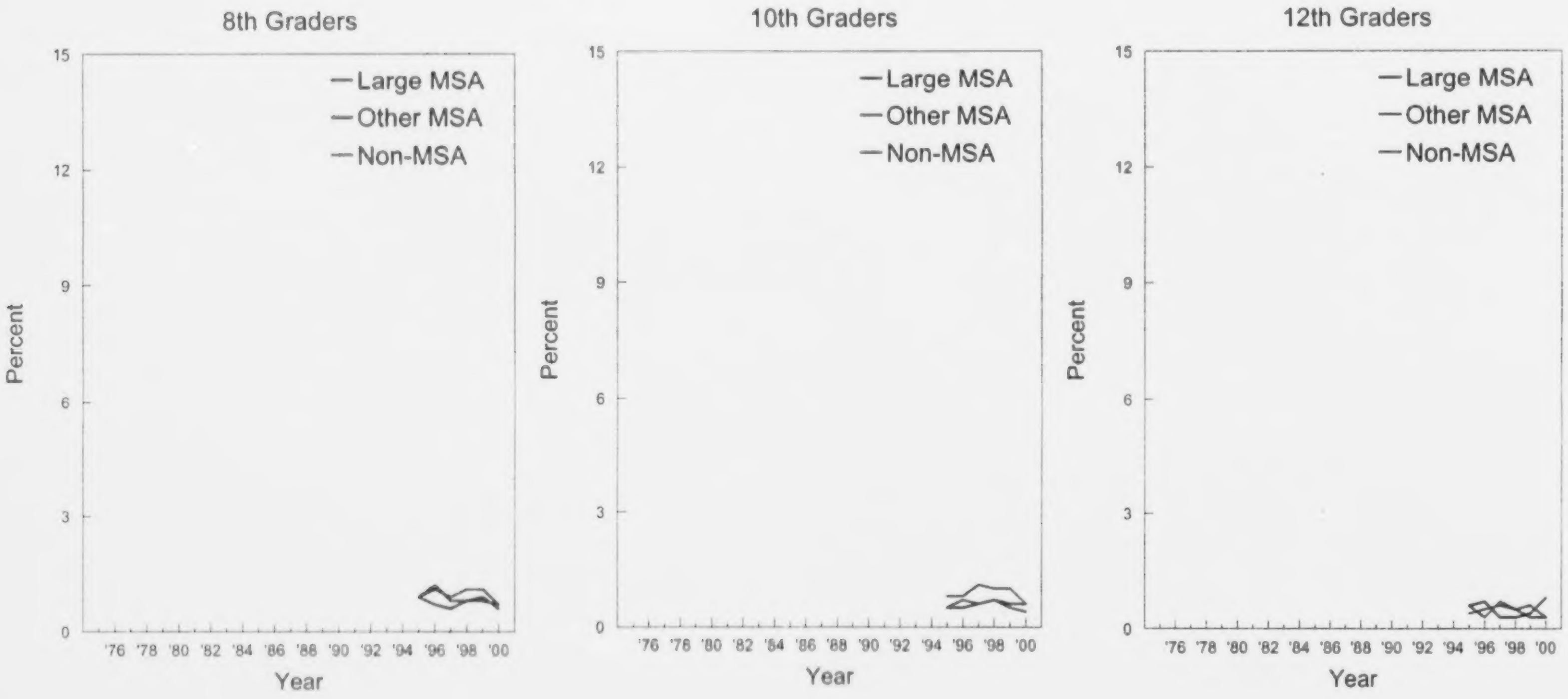
Heroin with a Needle: Trends in Annual Prevalence by College Plans



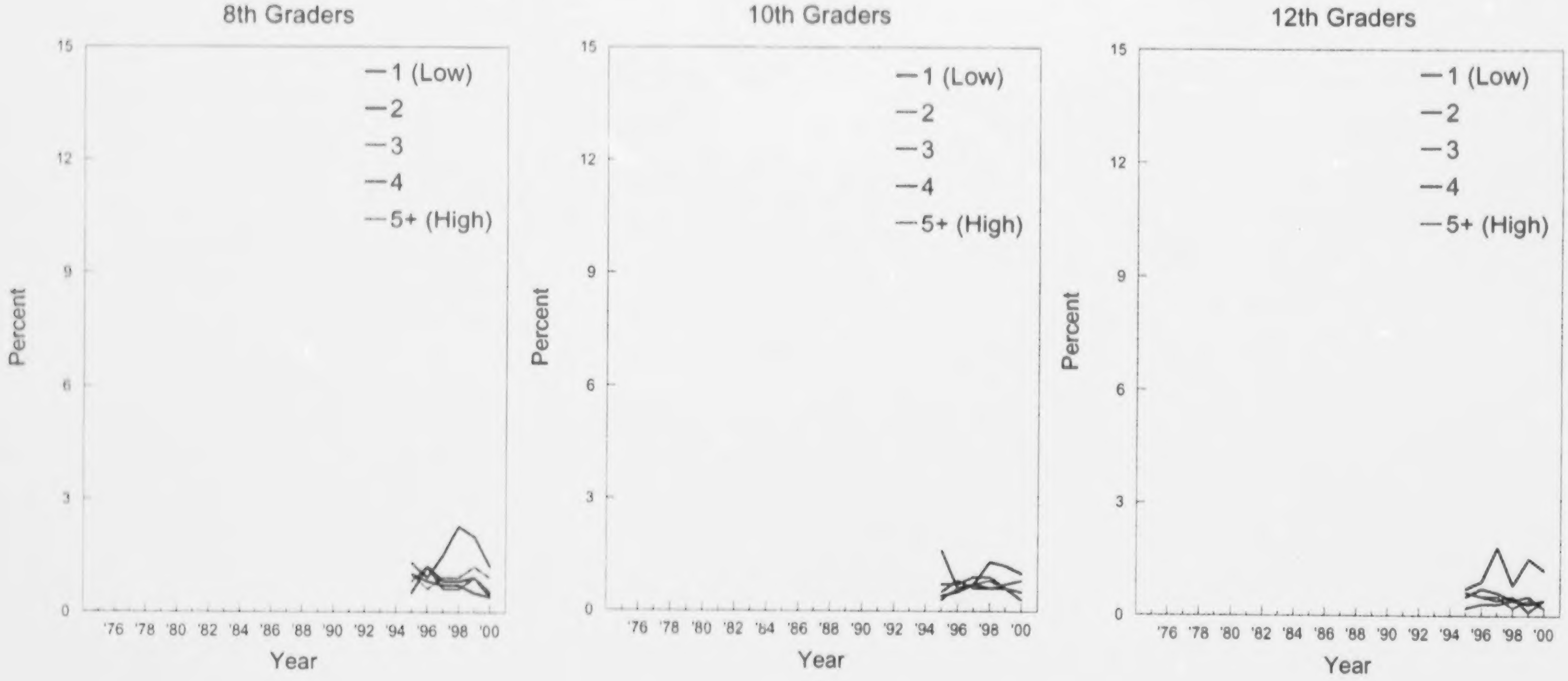
Heroin with a Needle: Trends in Annual Prevalence by Region



Heroin with a Needle: Trends in Annual Prevalence by Population Density



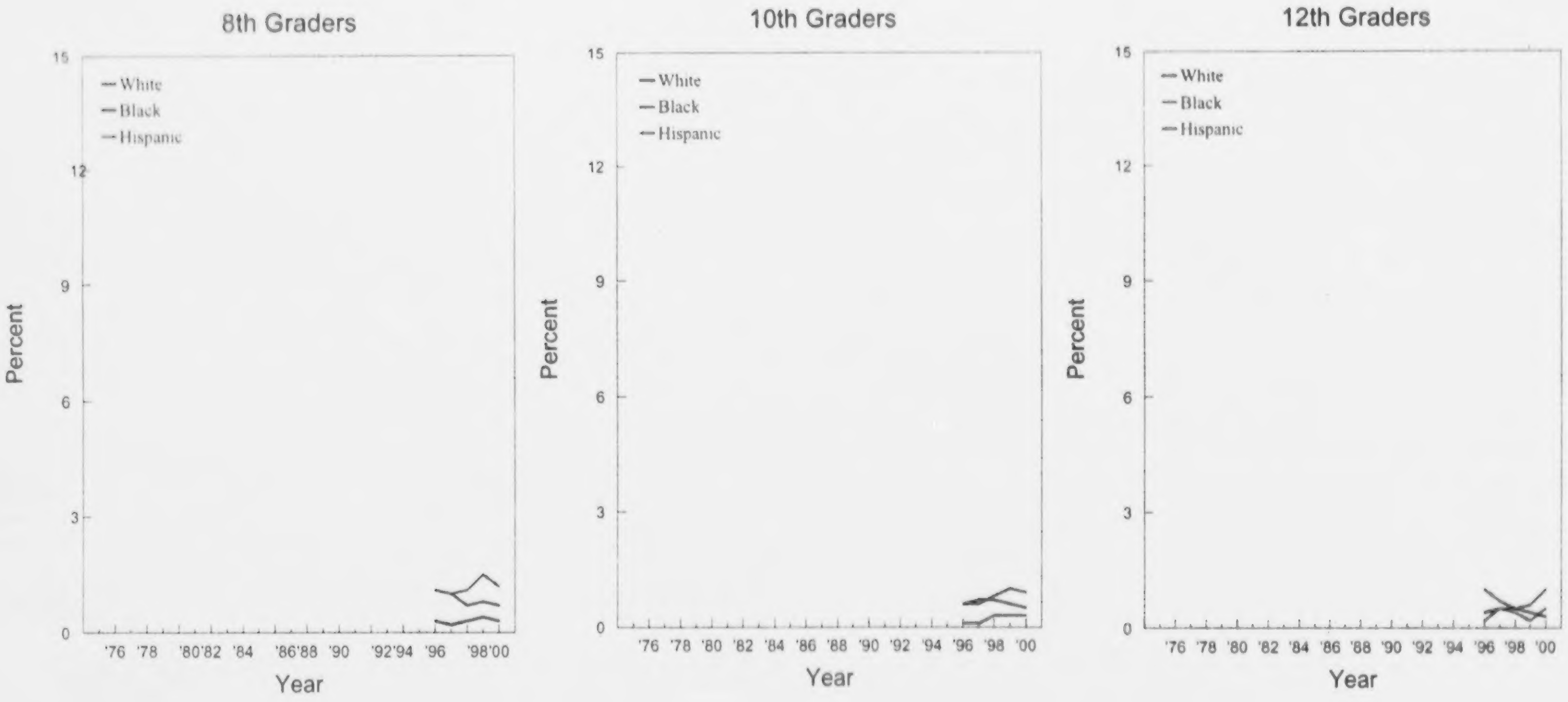
Heroin with a Needle: Trends in Annual Prevalence by Parents' Average Education


8th Graders

10th Graders

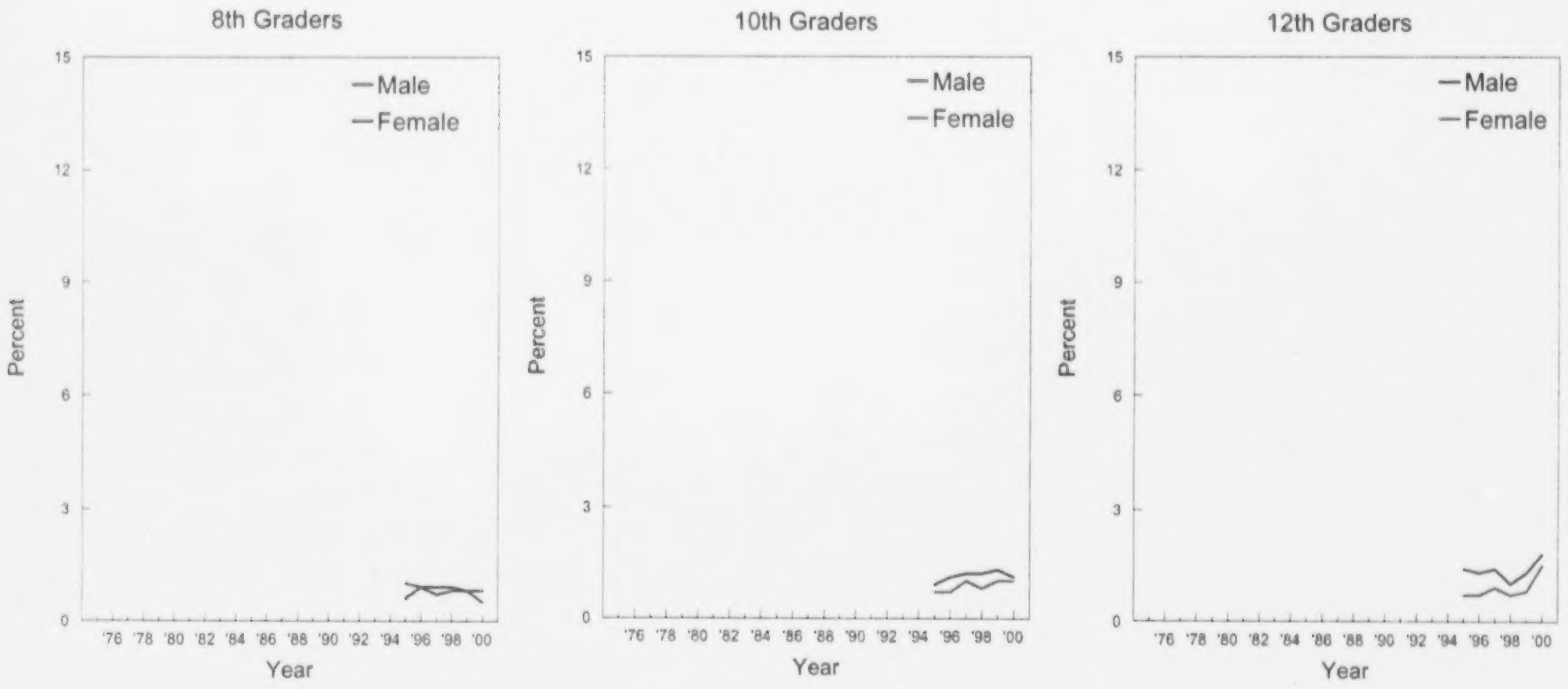
12th Graders

Heroin with a Needle: Trends in Annual Prevalence by Race/Ethnicity*

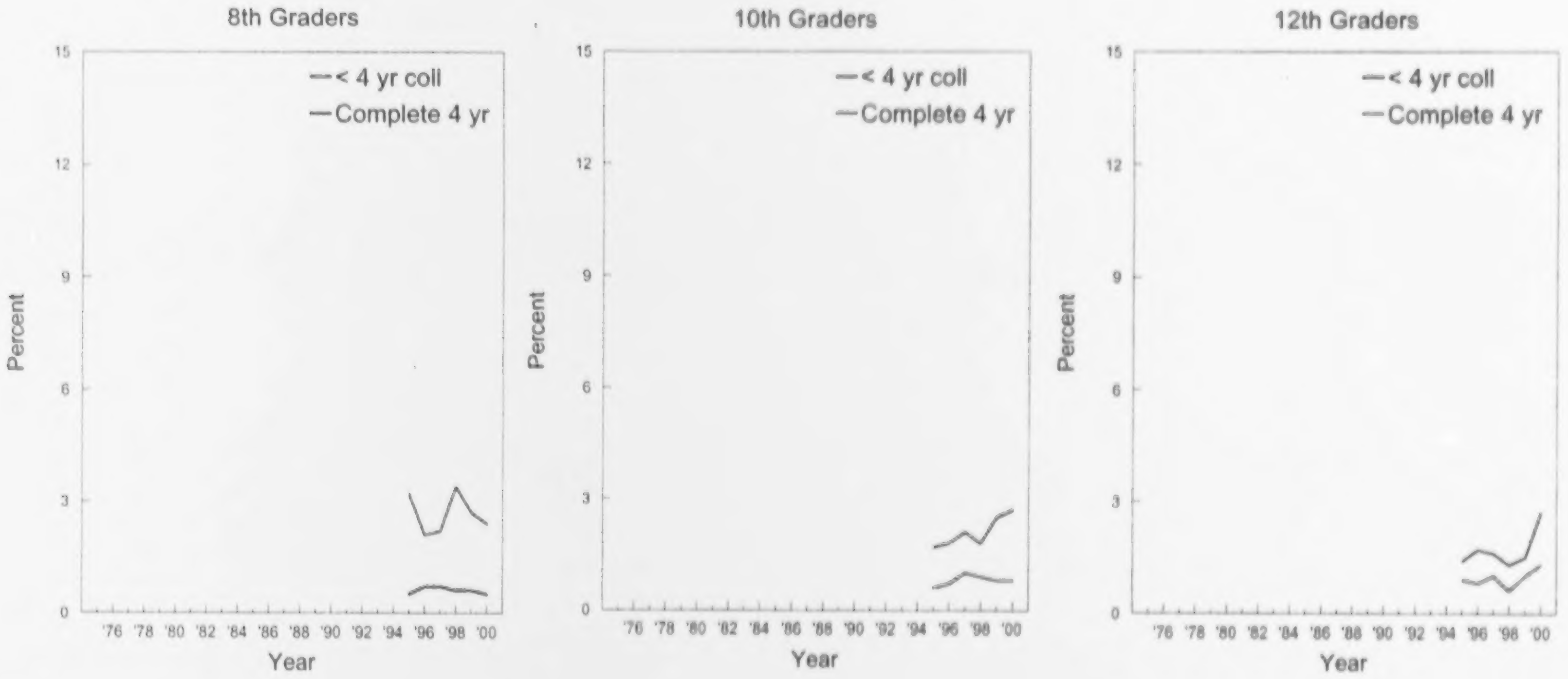


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

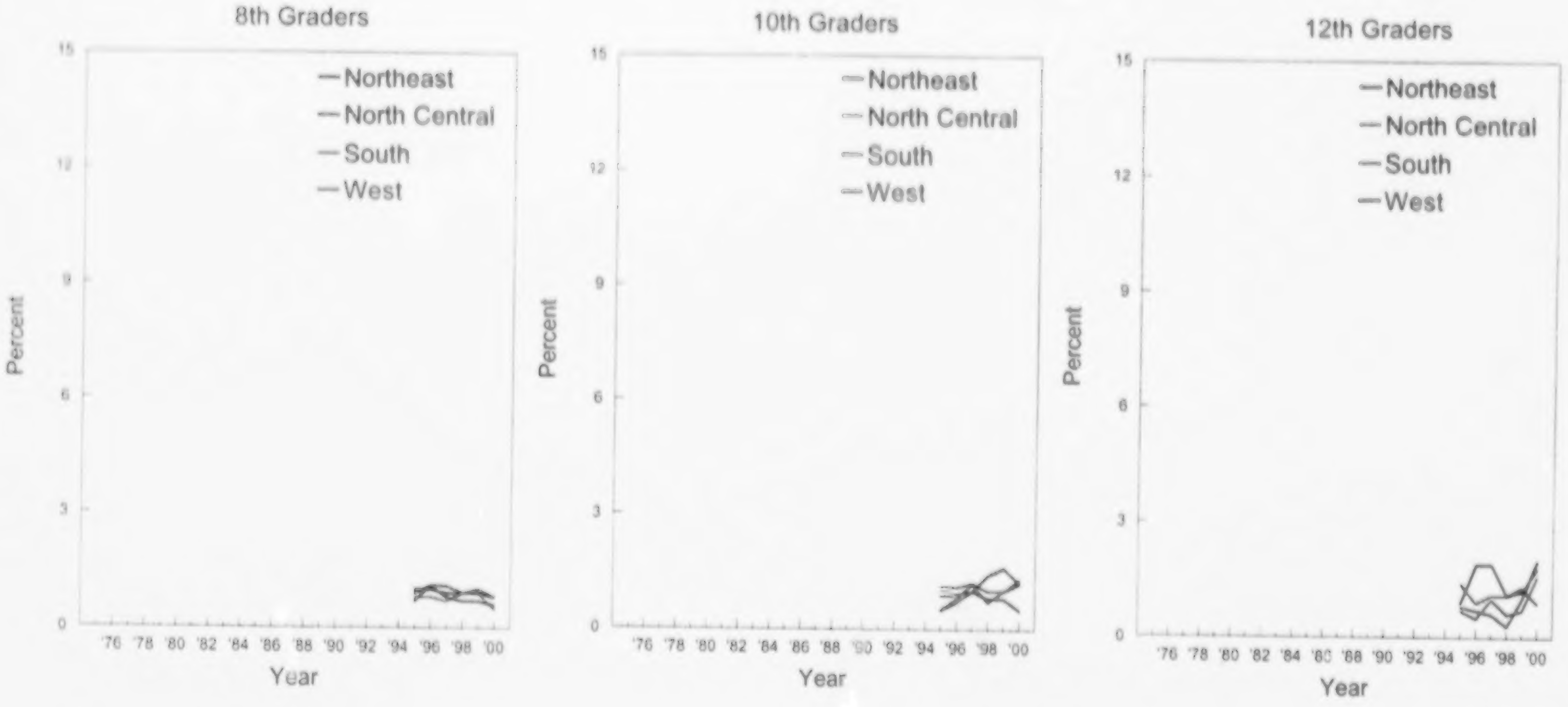
Heroin without a Needle: Trends in Annual Prevalence by Gender



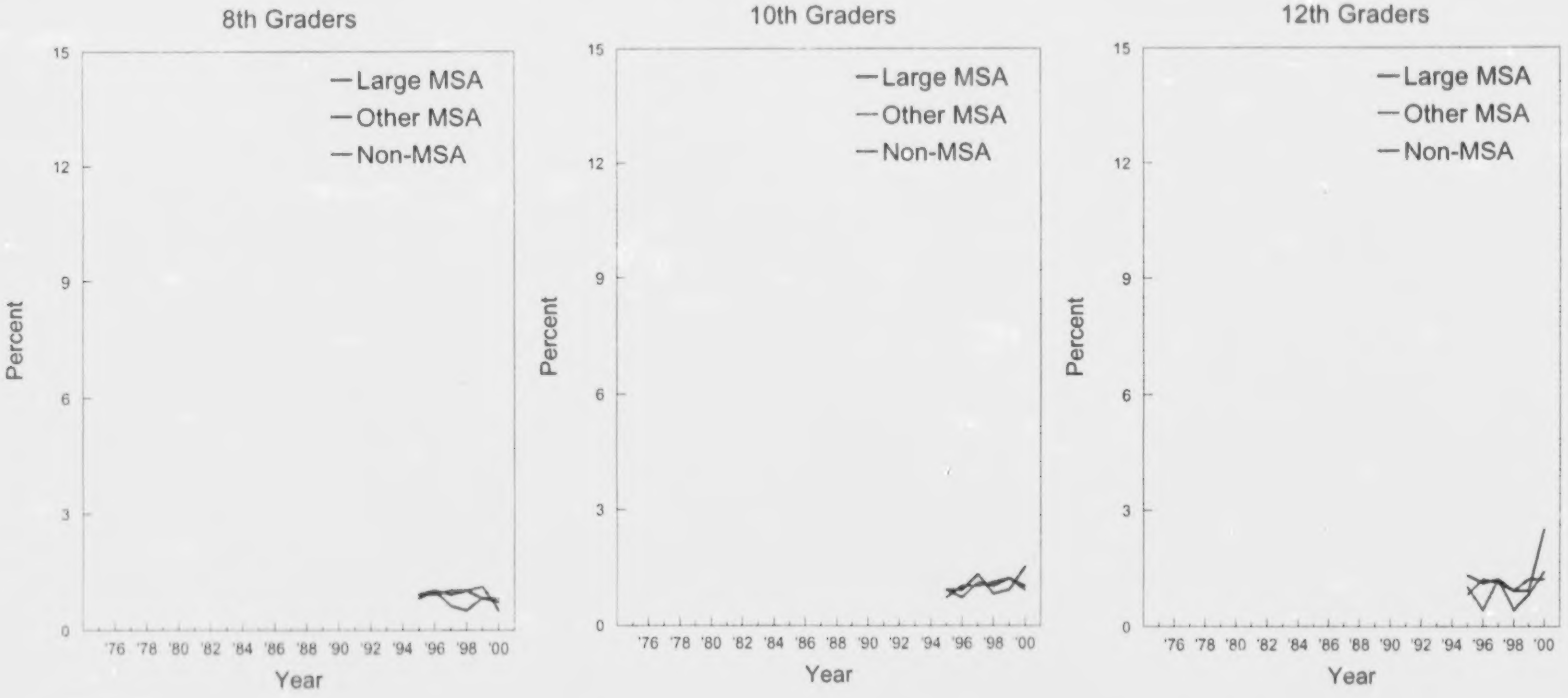
Heroin without a Needle: Trends in Annual Prevalence by College Plans



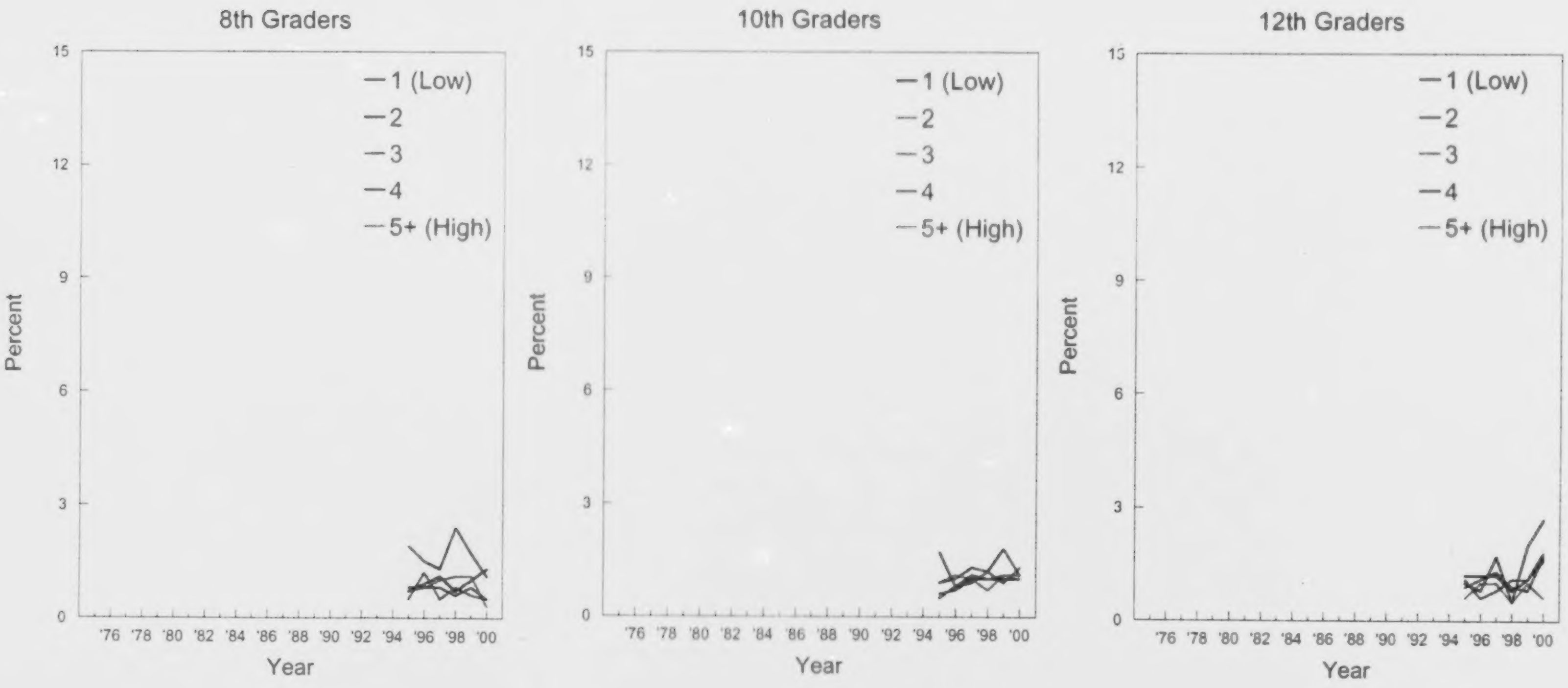
Heroin without a Needle: Trends in Annual Prevalence by Region



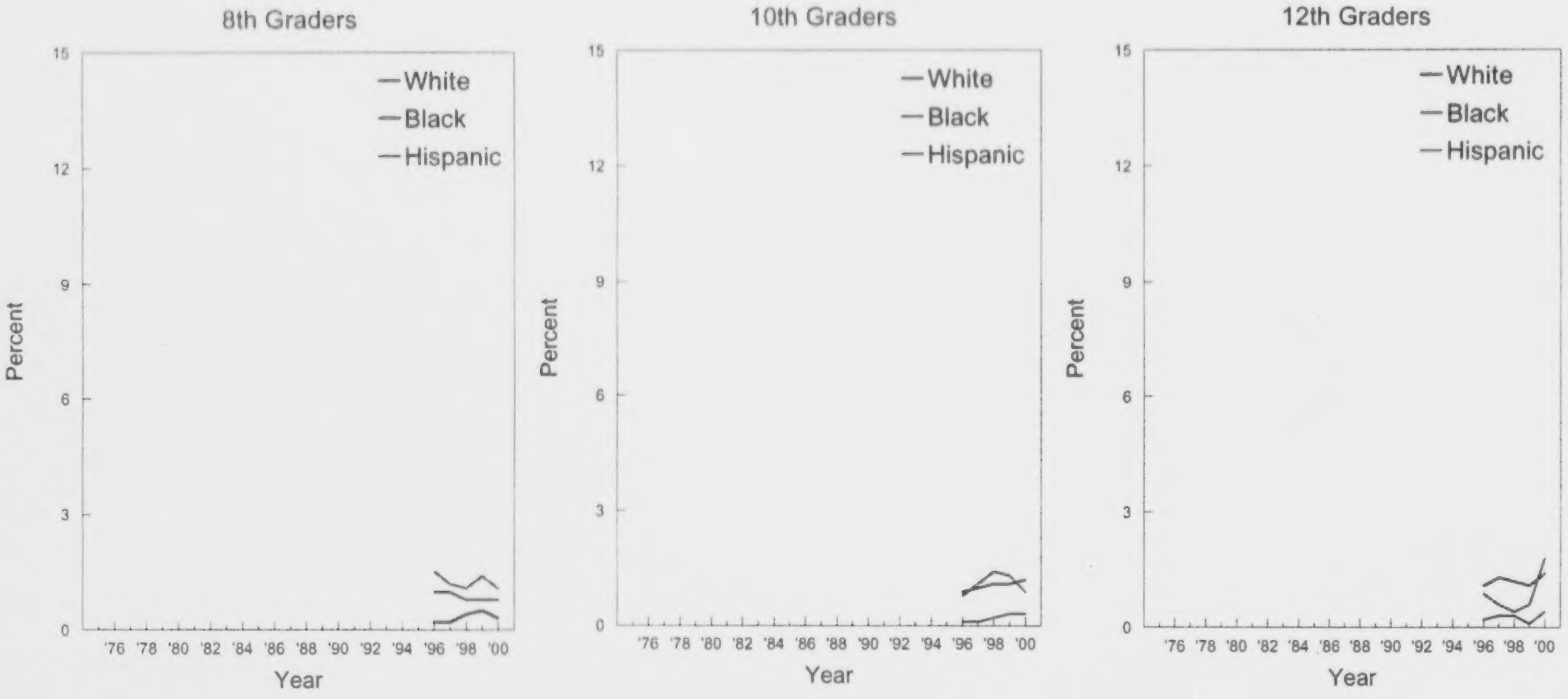
Heroin without a Needle: Trends in Annual Prevalence by Population Density



Heroin without a Needle: Trends in Annual Prevalence by Parents' Average Education

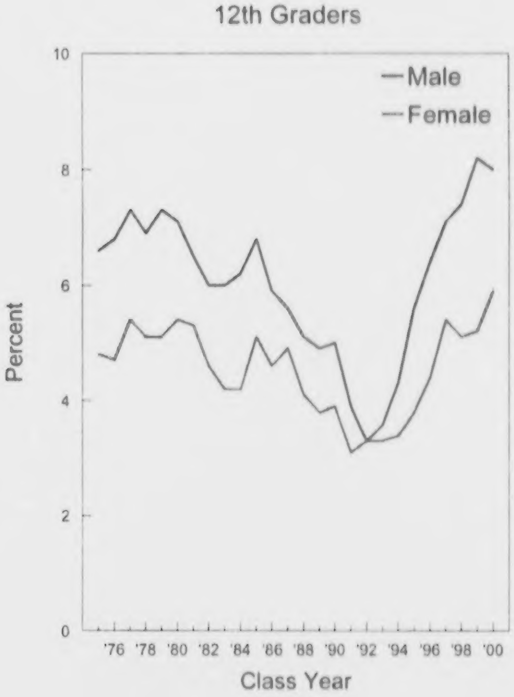


Heroin without a Needle: Trends in Annual Prevalence by Race/Ethnicity*

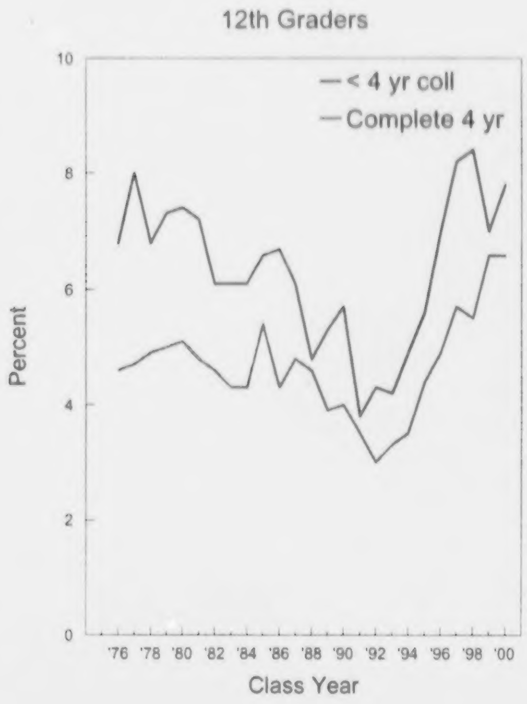


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

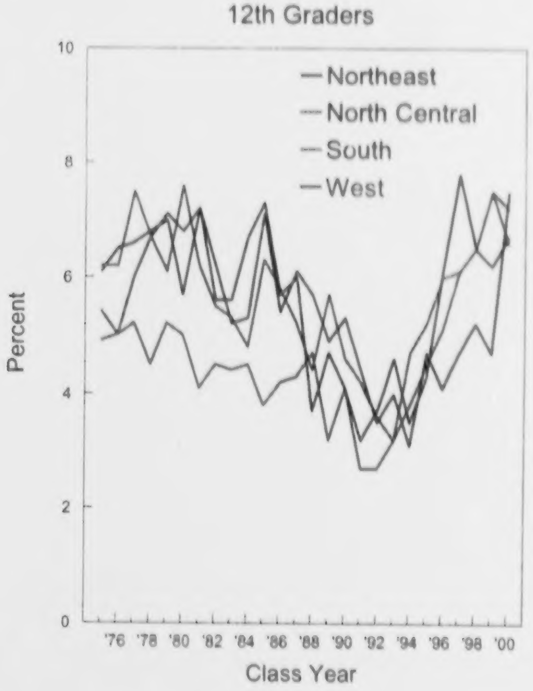
Other Narcotics: Trends in Annual Prevalence by Gender



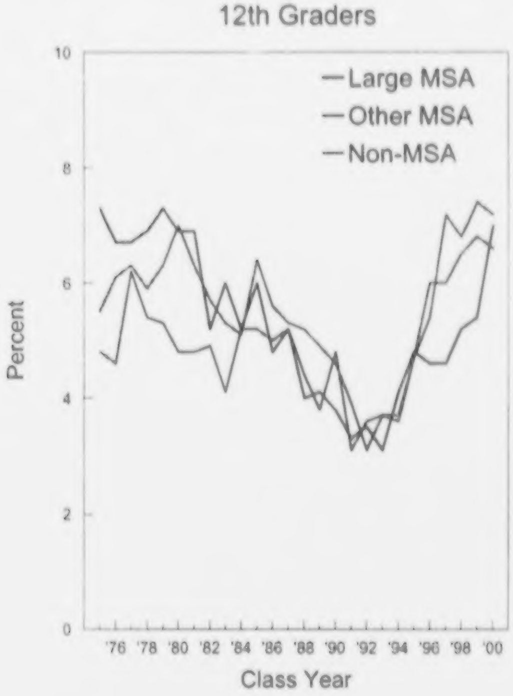
Other Narcotics: Trends in Annual Prevalence by College Plans



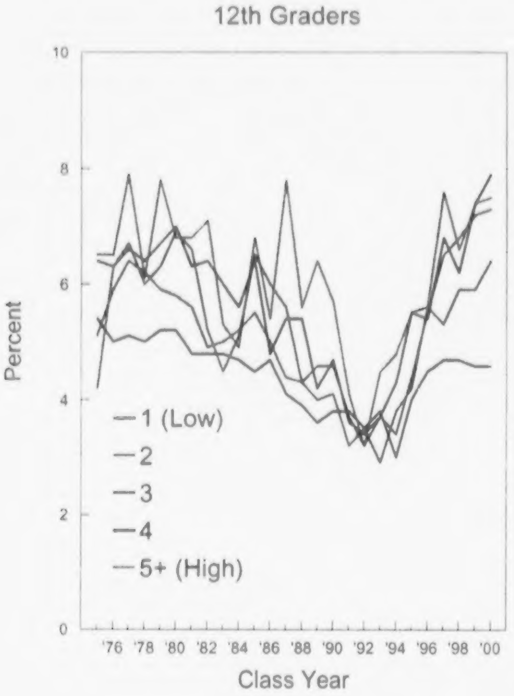
Other Narcotics: Trends in Annual Prevalence by Region


12th Graders

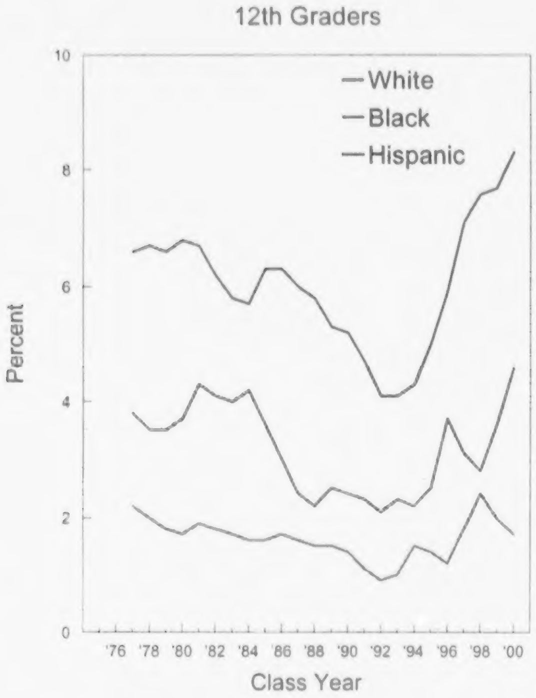
Other Narcotics: Trends in Annual Prevalence by Population Density



Other Narcotics: Trends in Annual Prevalence by Parents' Average Education

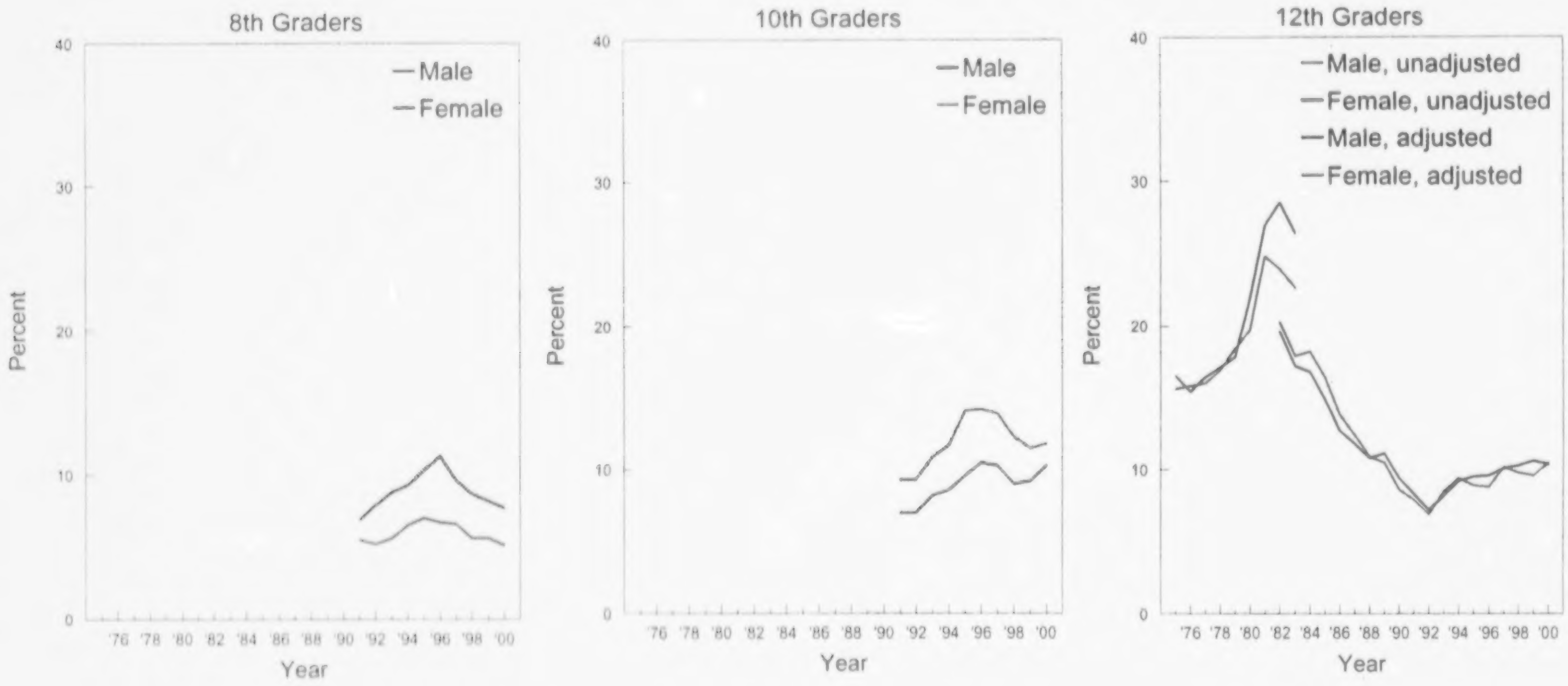


Other Narcotics: Trends in Annual Prevalence by Race/Ethnicity*



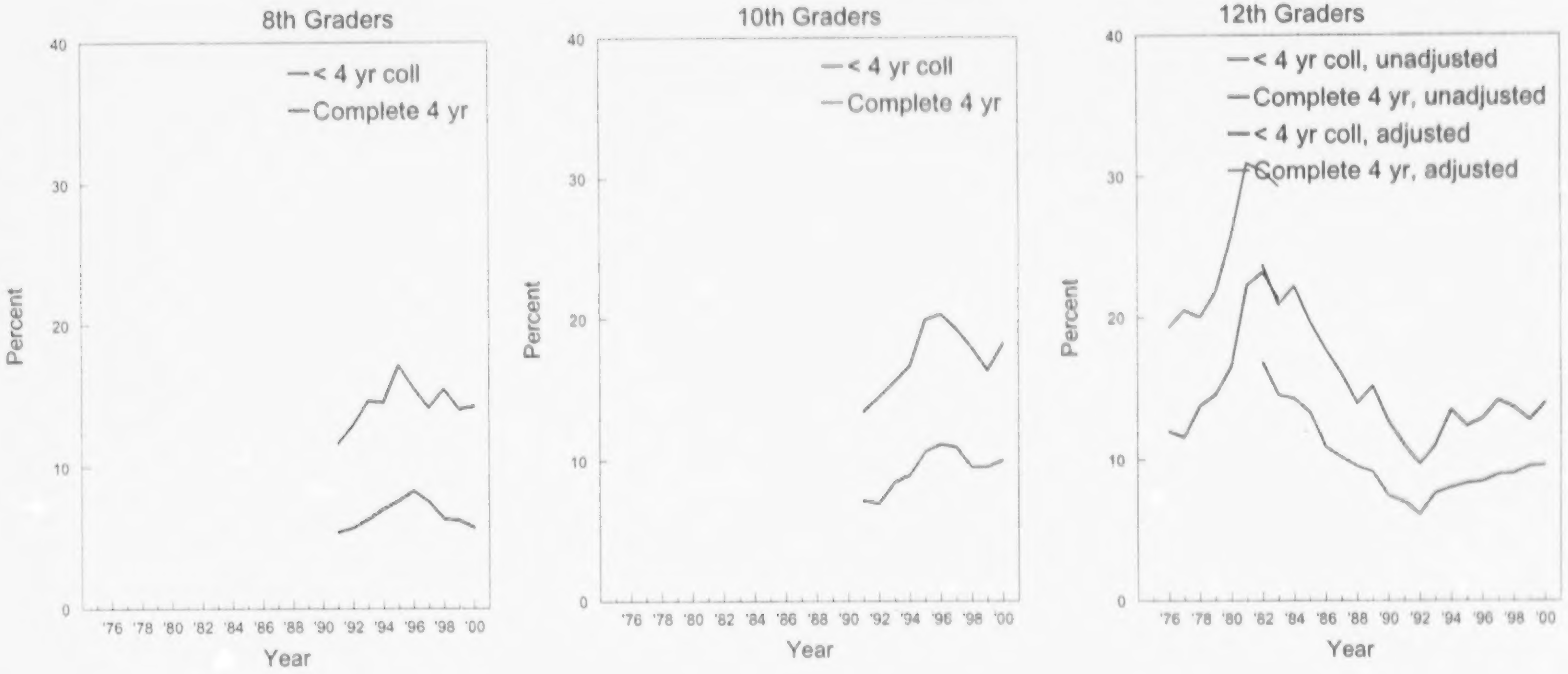
*NOTE: These are two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Amphetamines: Trends in Annual Prevalence by Gender*



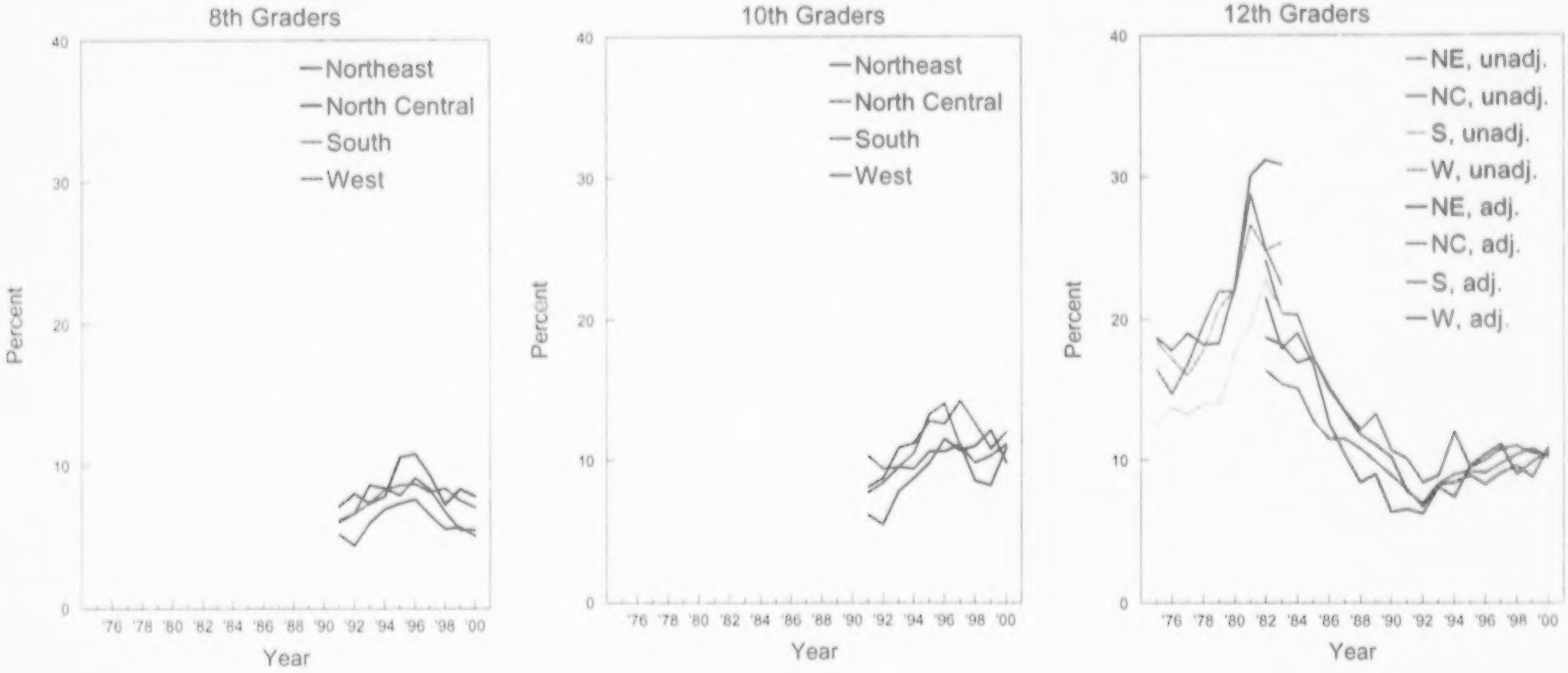
*NOTE: After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines: Trends in Annual Prevalence by College Plans*



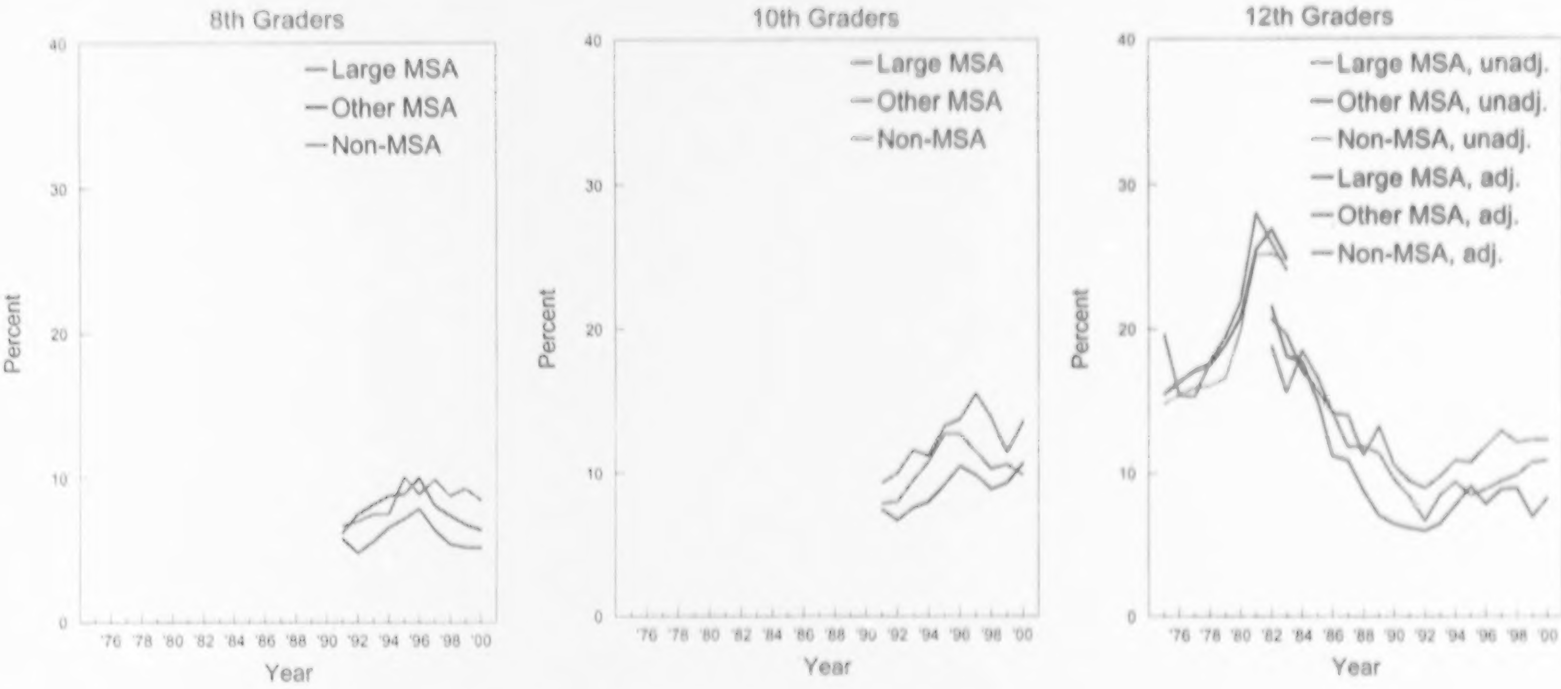
*NOTE: After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines: Trends in Annual Prevalence by Region*



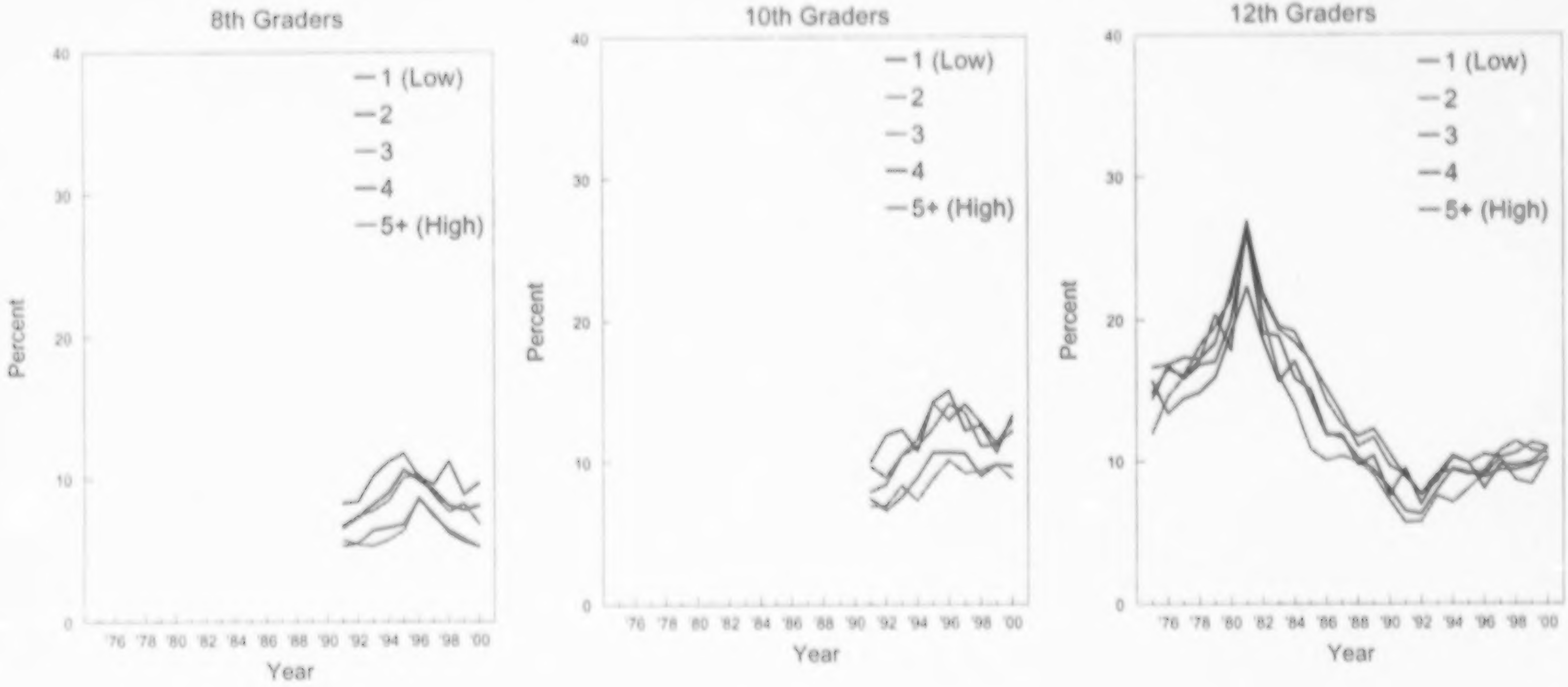
*NOTE: After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines: Trends in Annual Prevalence by Population Density*



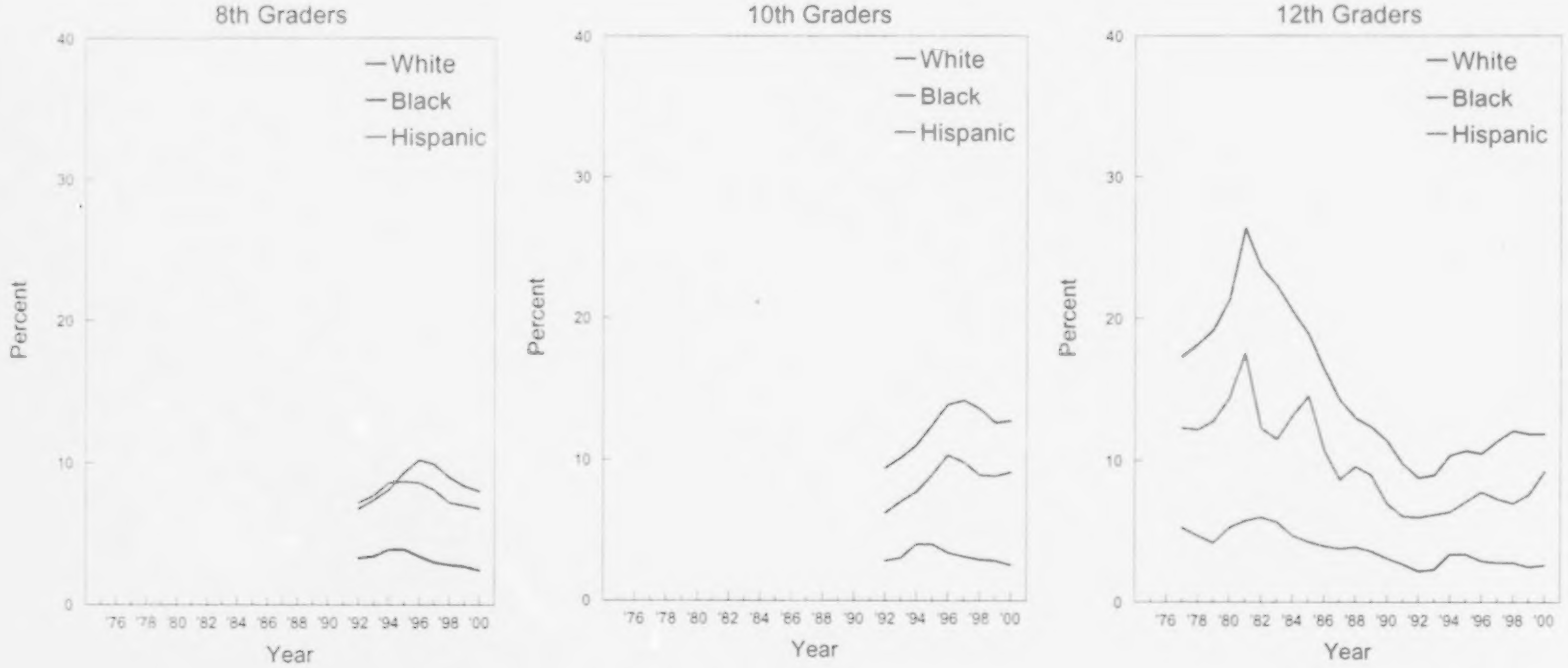
*NOTE: After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

Amphetamines: Trends in Annual Prevalence by Parents' Average Education*



*NOTE: After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

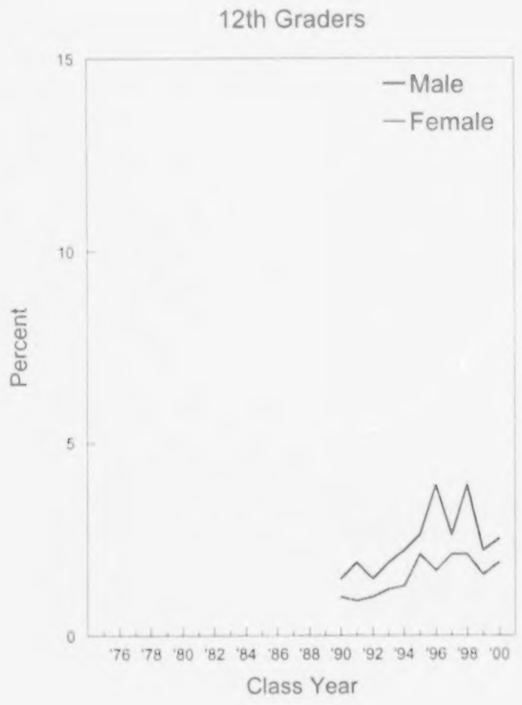
Amphetamines: Trends in Annual Prevalence by Race/Ethnicity*



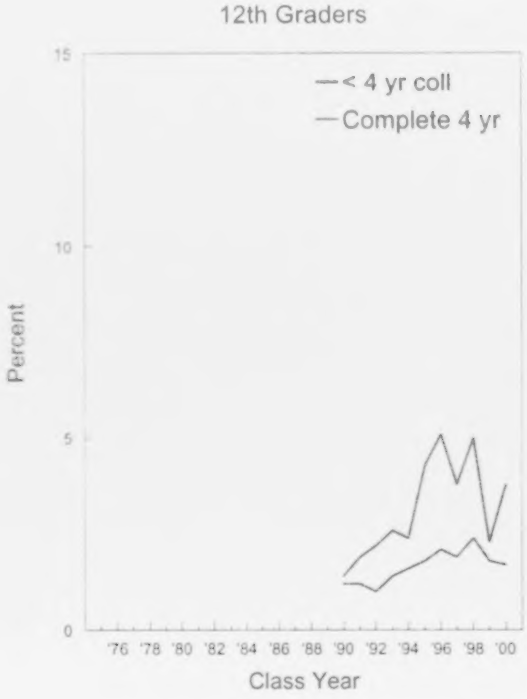
*NOTES: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

After 1982 the question about amphetamine use was revised to further clarify that non-prescription stimulants should not be included in the answers.

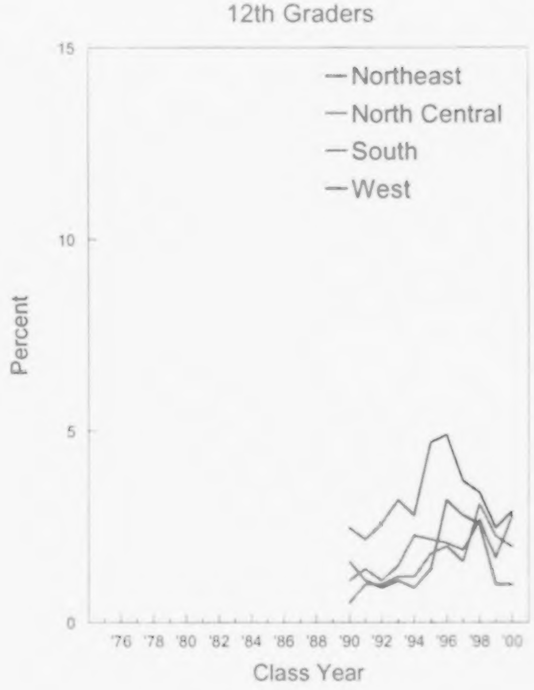
Ice: Trends in Annual Prevalence by Gender



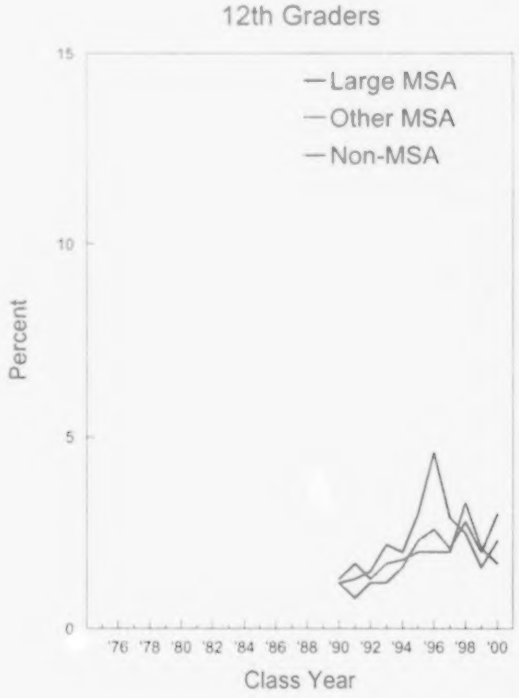
Ice: Trends in Annual Prevalence by College Plans



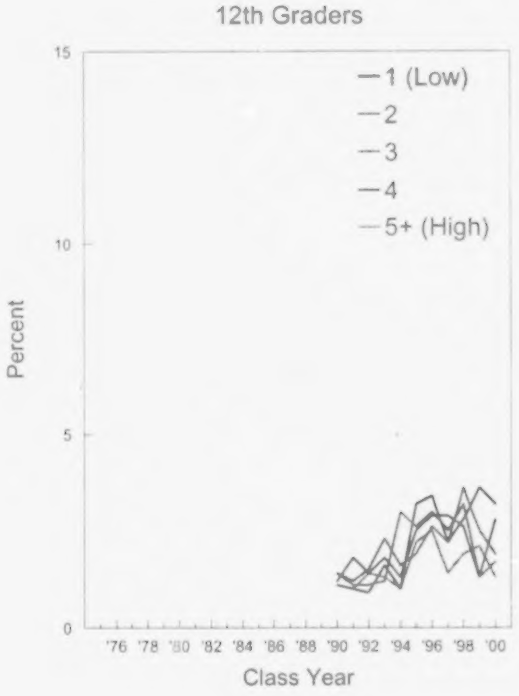
Ice: Trends in Annual Prevalence by Region



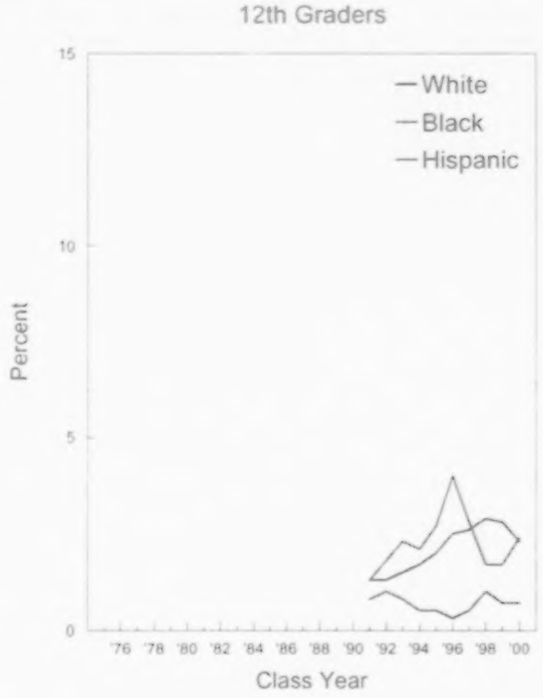
Ice: Trends in Annual Prevalence by Population Density



Ice: Trends in Annual Prevalence by Parents' Average Education

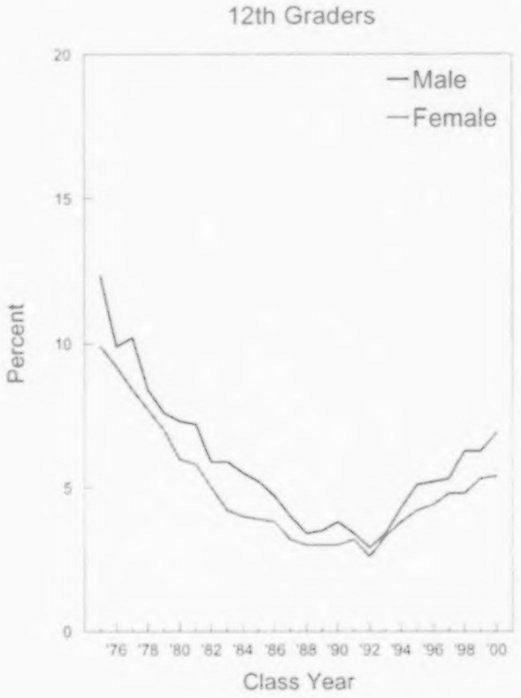


Ice: Trends in Annual Prevalence by Race/Ethnicity*

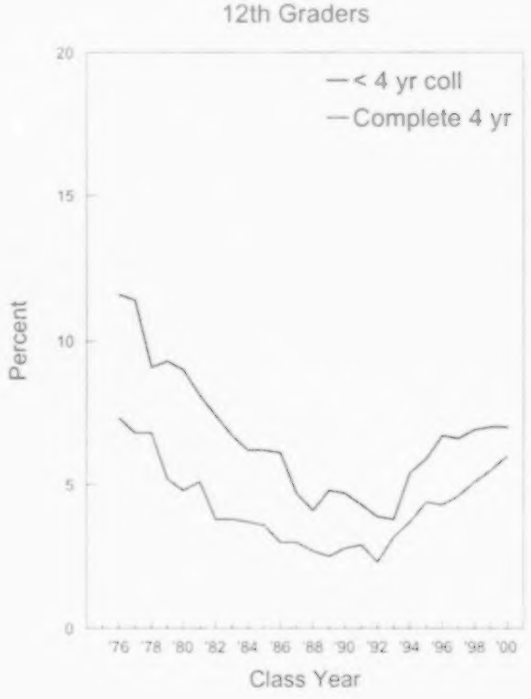


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

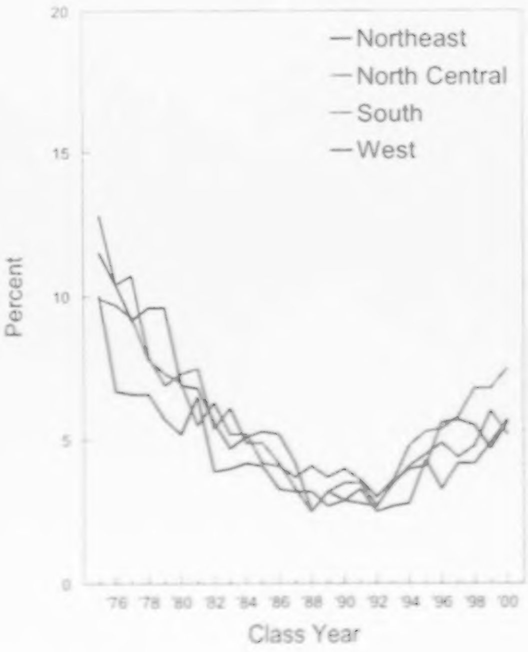
Barbiturates: Trends in Annual Prevalence by Gender



Barbiturates: Trends in Annual Prevalence by College Plans

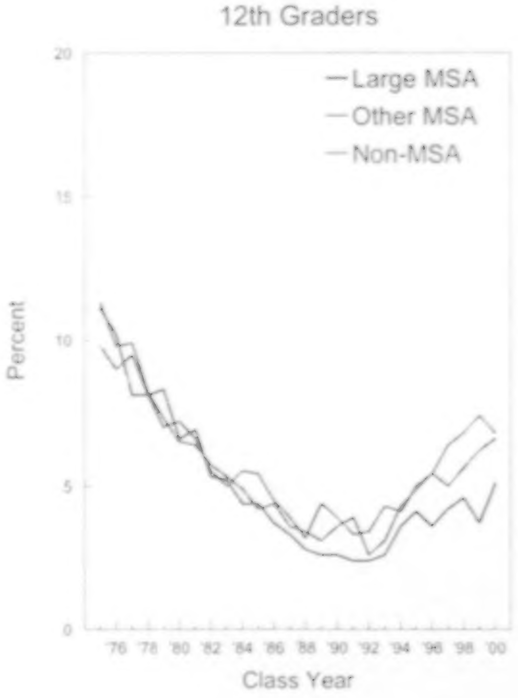


Barbiturates: Trends in Annual Prevalence by Region

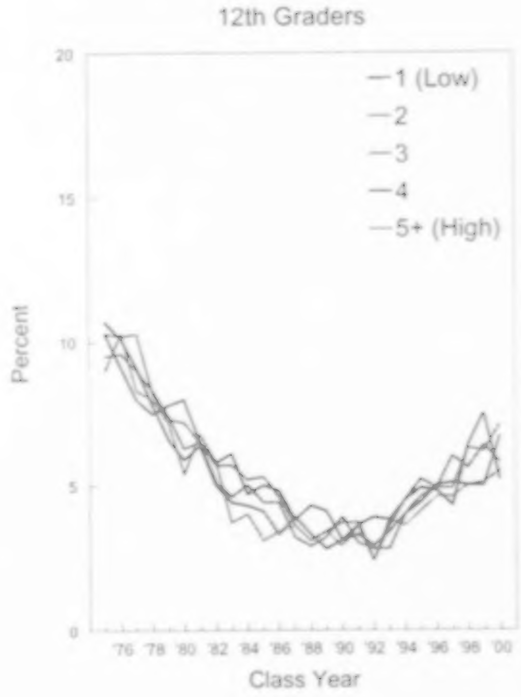


12th Graders

Barbiturates: Trends in Annual Prevalence by Population Density

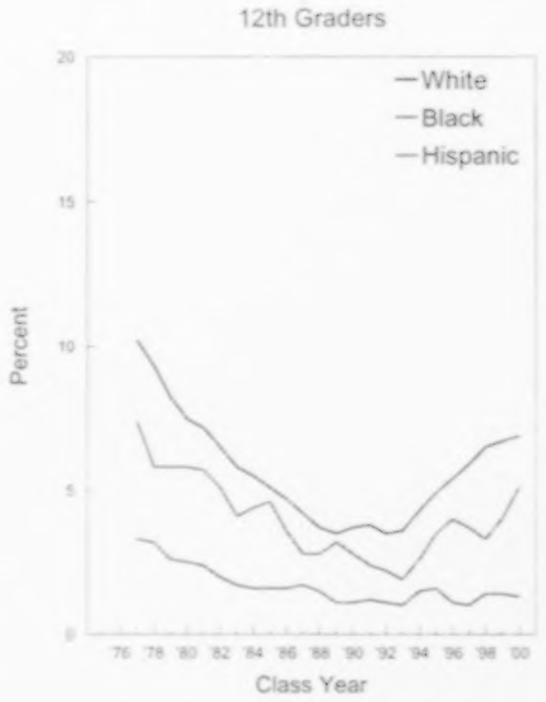

12th Graders

Barbiturates: Trends in Annual Prevalence by Parents' Average Education



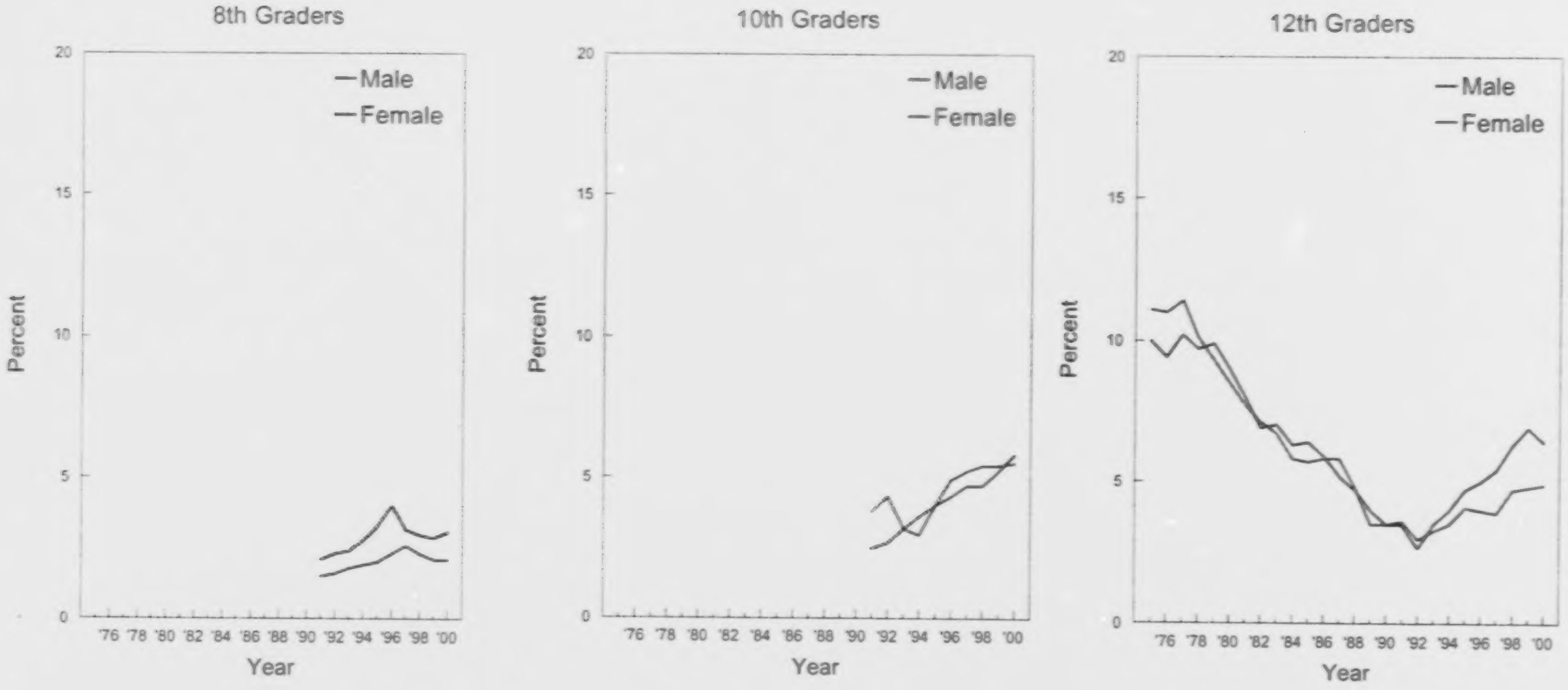
12th Graders

Barbiturates: Trends in Annual Prevalence by Race/Ethnicity*

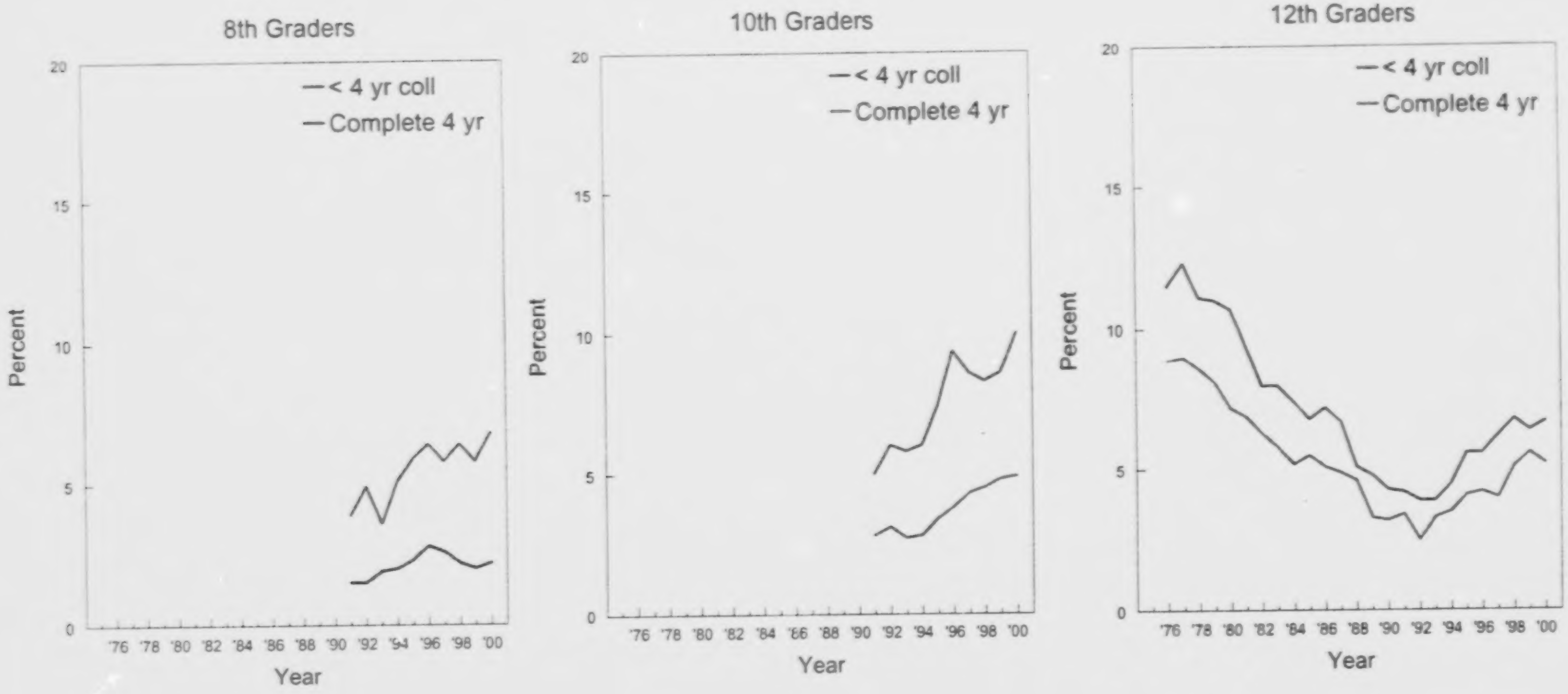


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

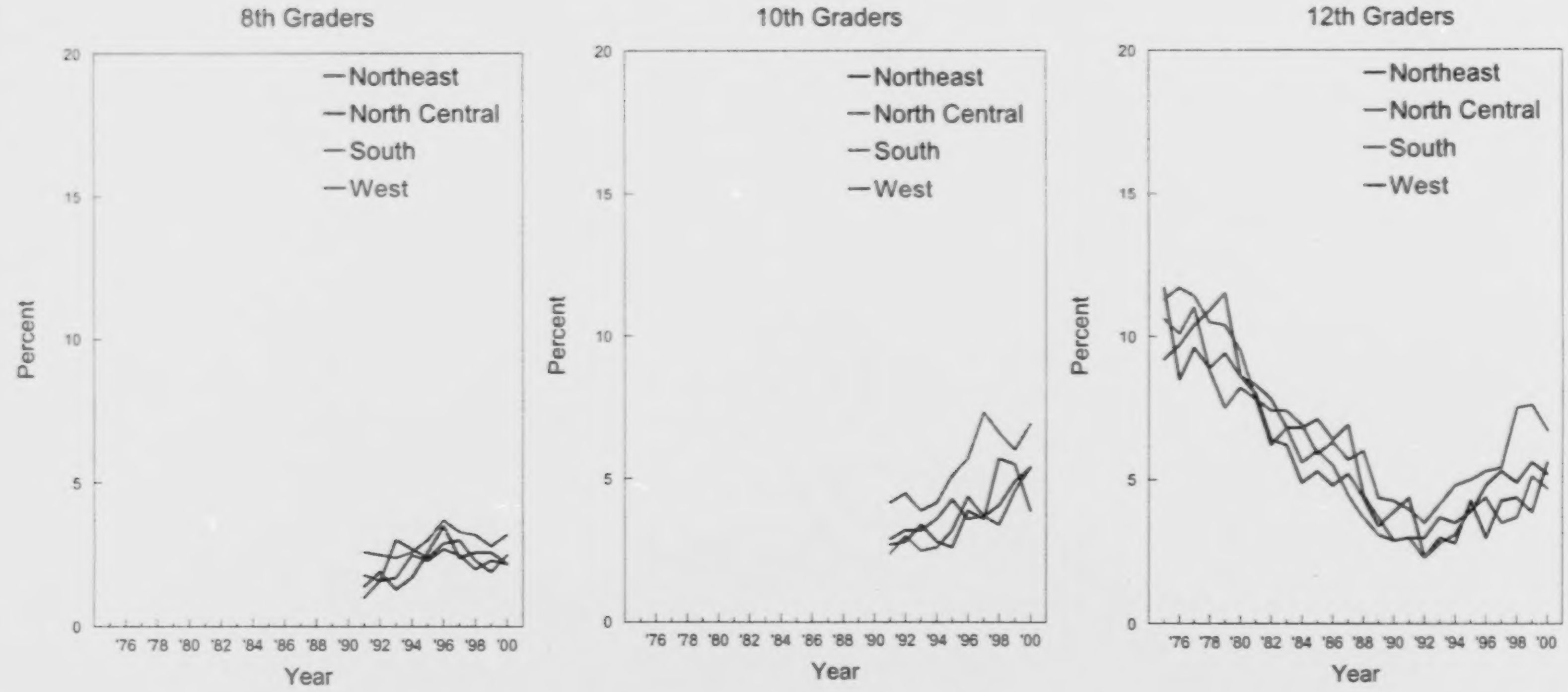
Tranquilizers: Trends in Annual Prevalence by Gender



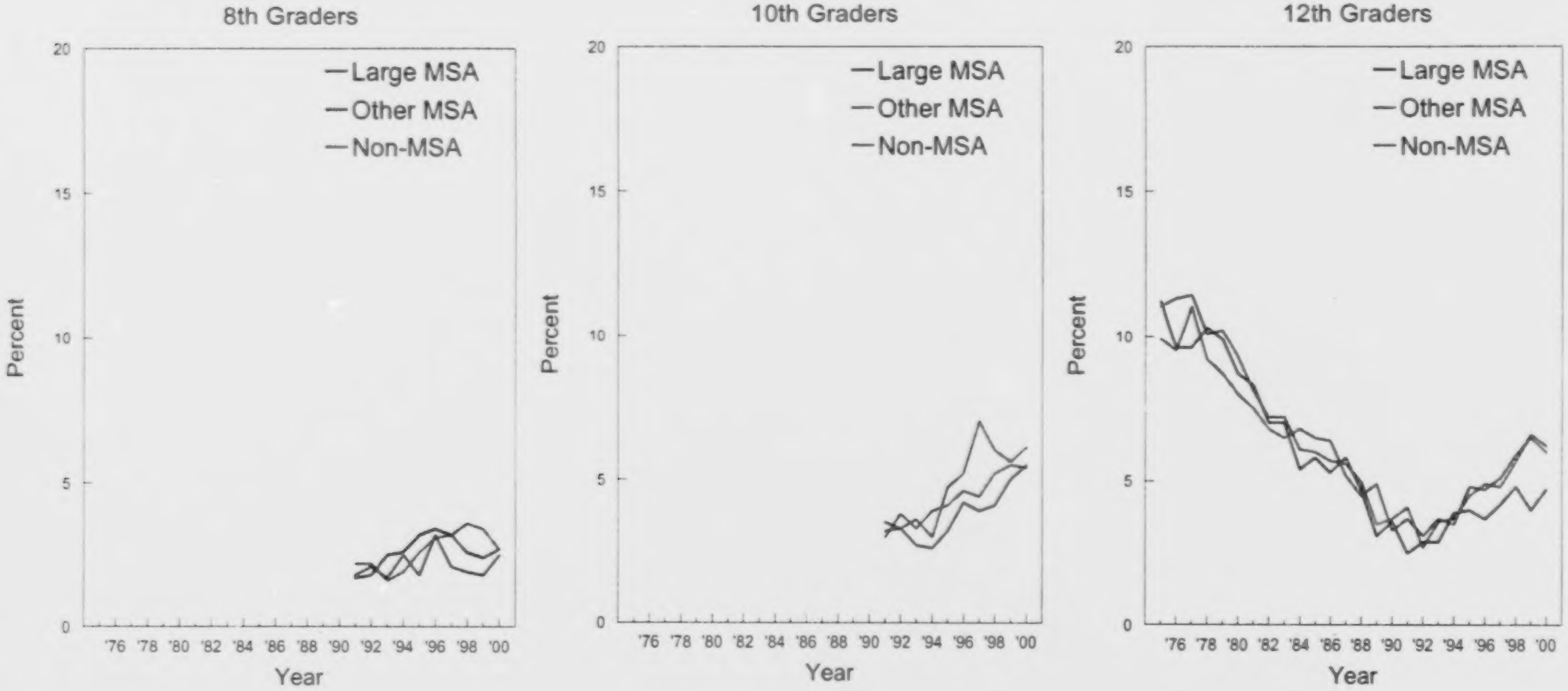
Tranquilizers: Trends in Annual Prevalence by College Plans



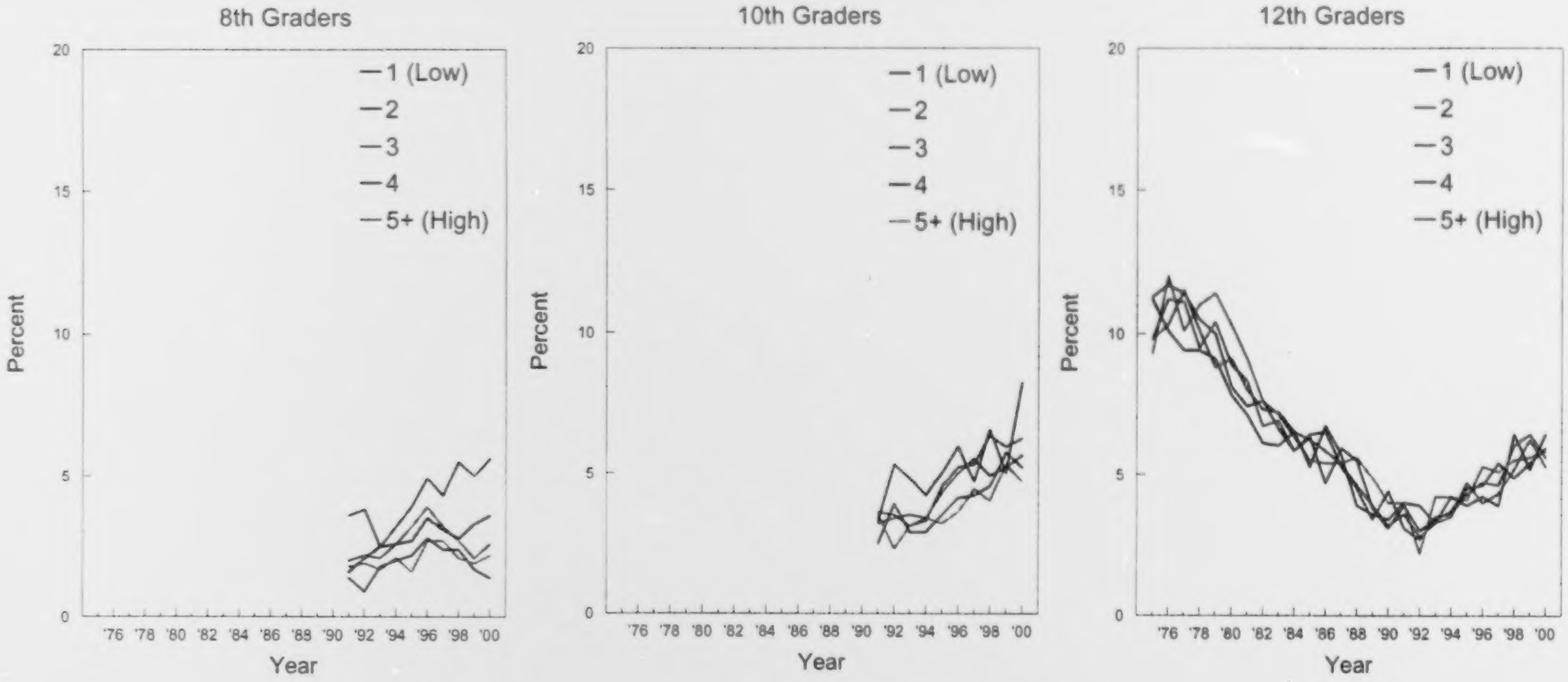
Tranquilizers: Trends in Annual Prevalence by Region



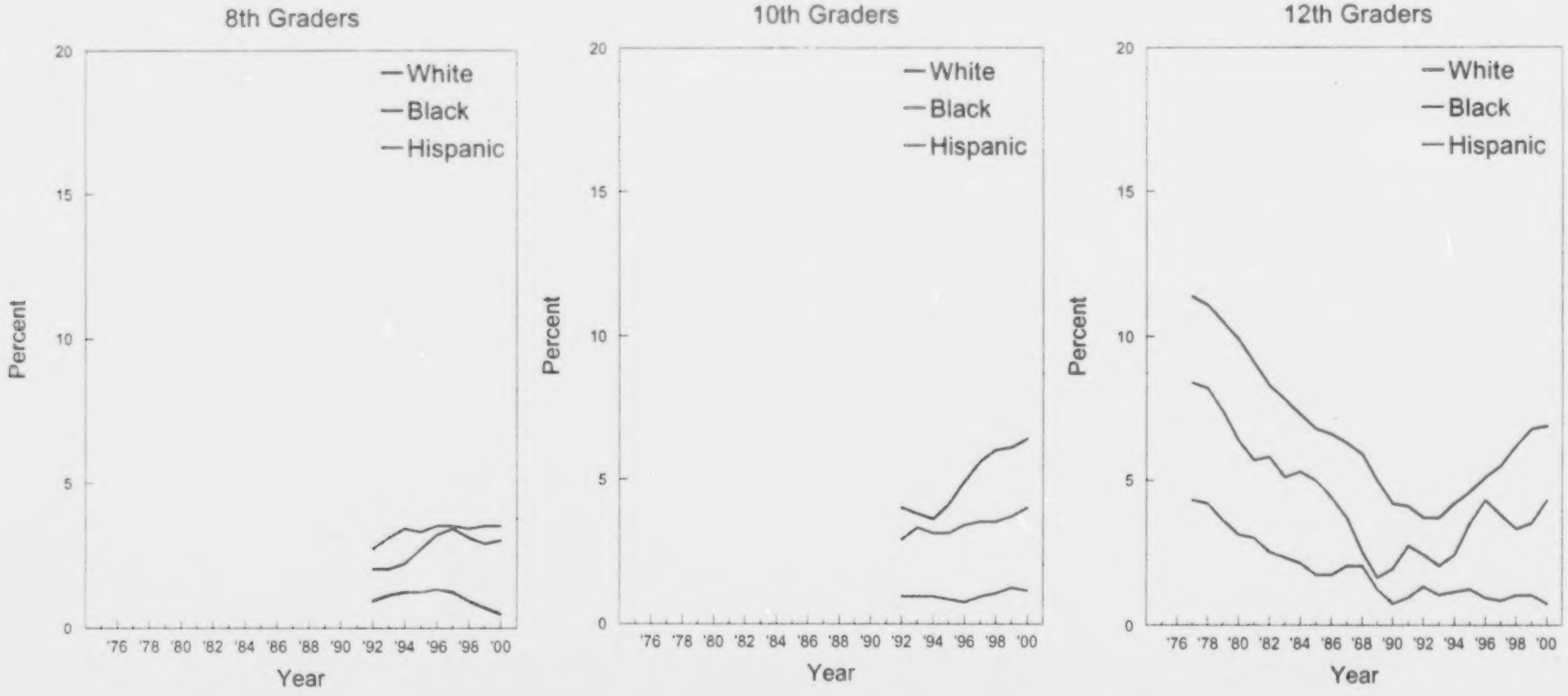
Tranquilizers: Trends in Annual Prevalence by Population Density



Tranquilizers: Trends in Annual Prevalence by Parents' Average Education

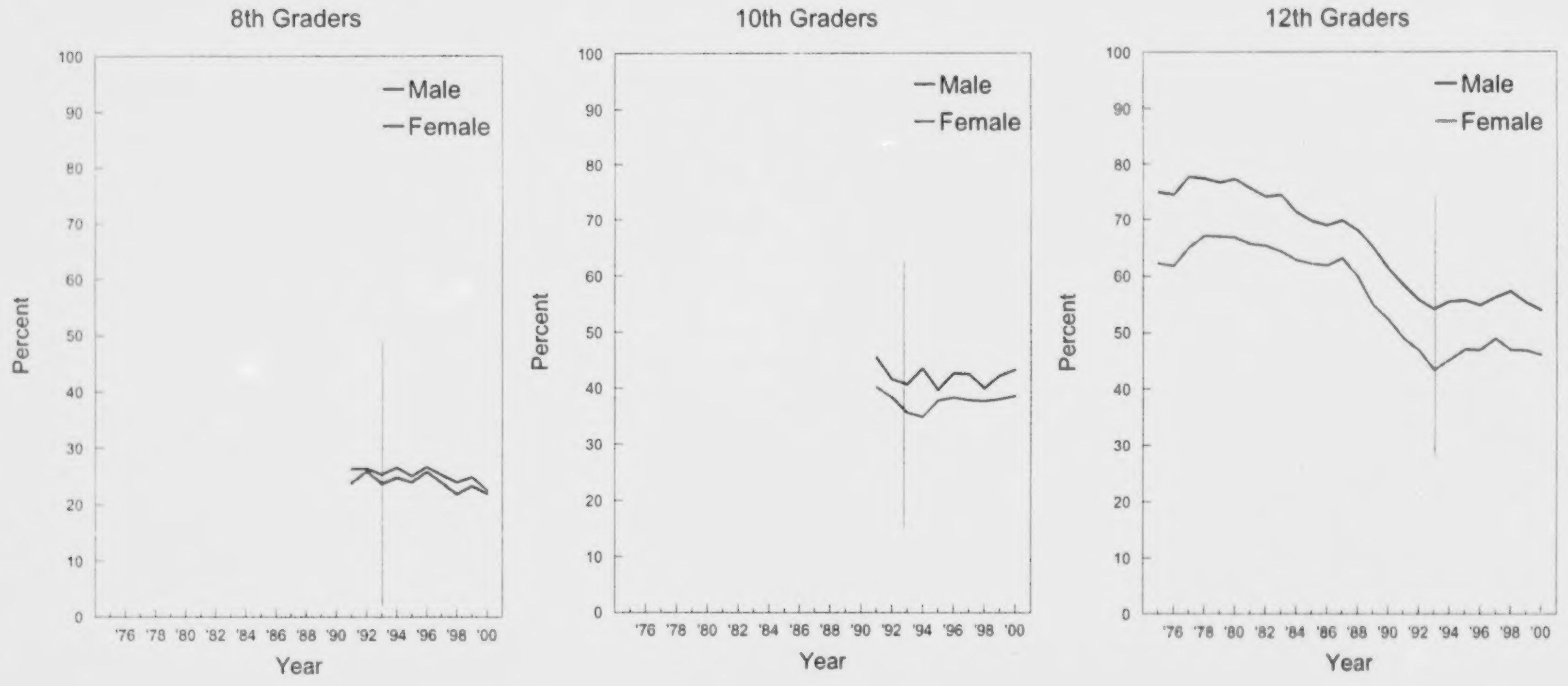


Tranquilizers: Trends in Annual Prevalence by Race/Ethnicity*



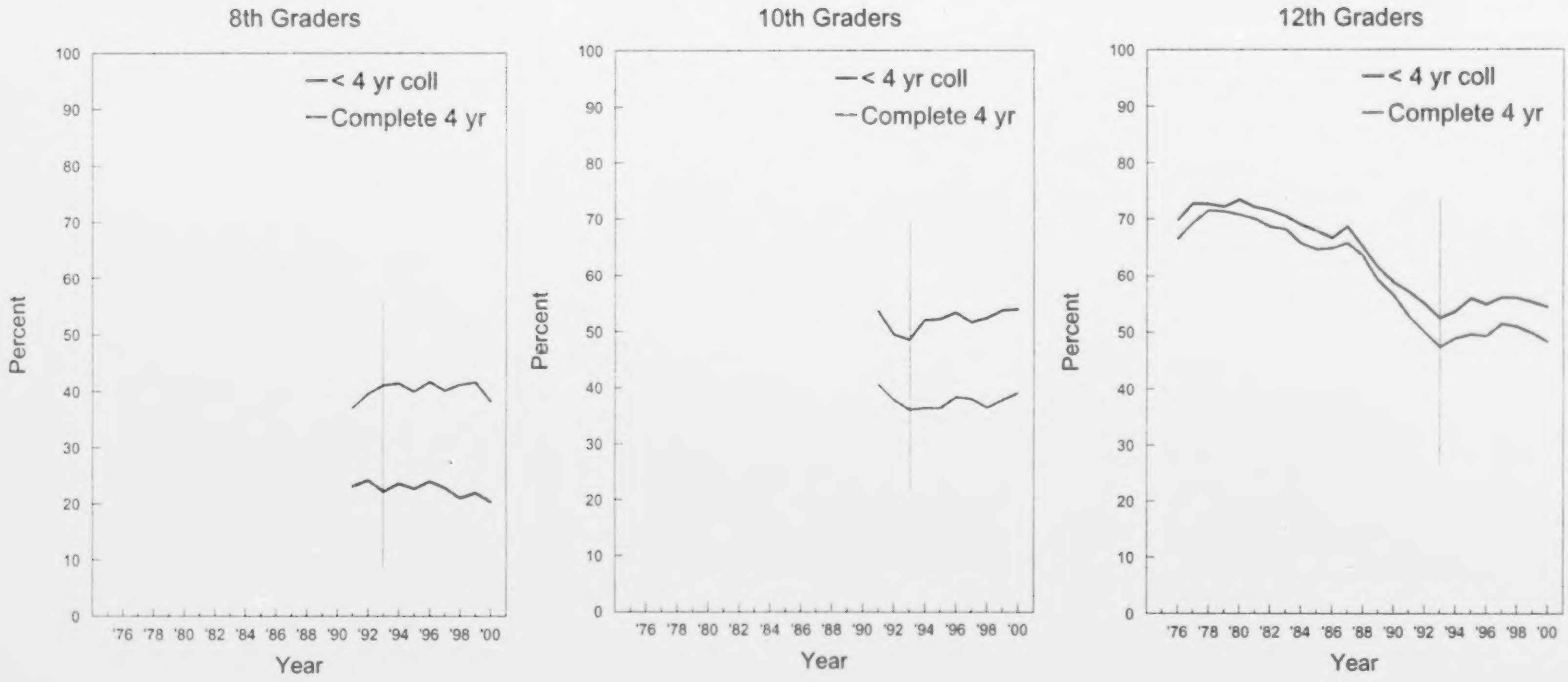
*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Alcohol: Trends in Thirty Day Prevalence by Gender*



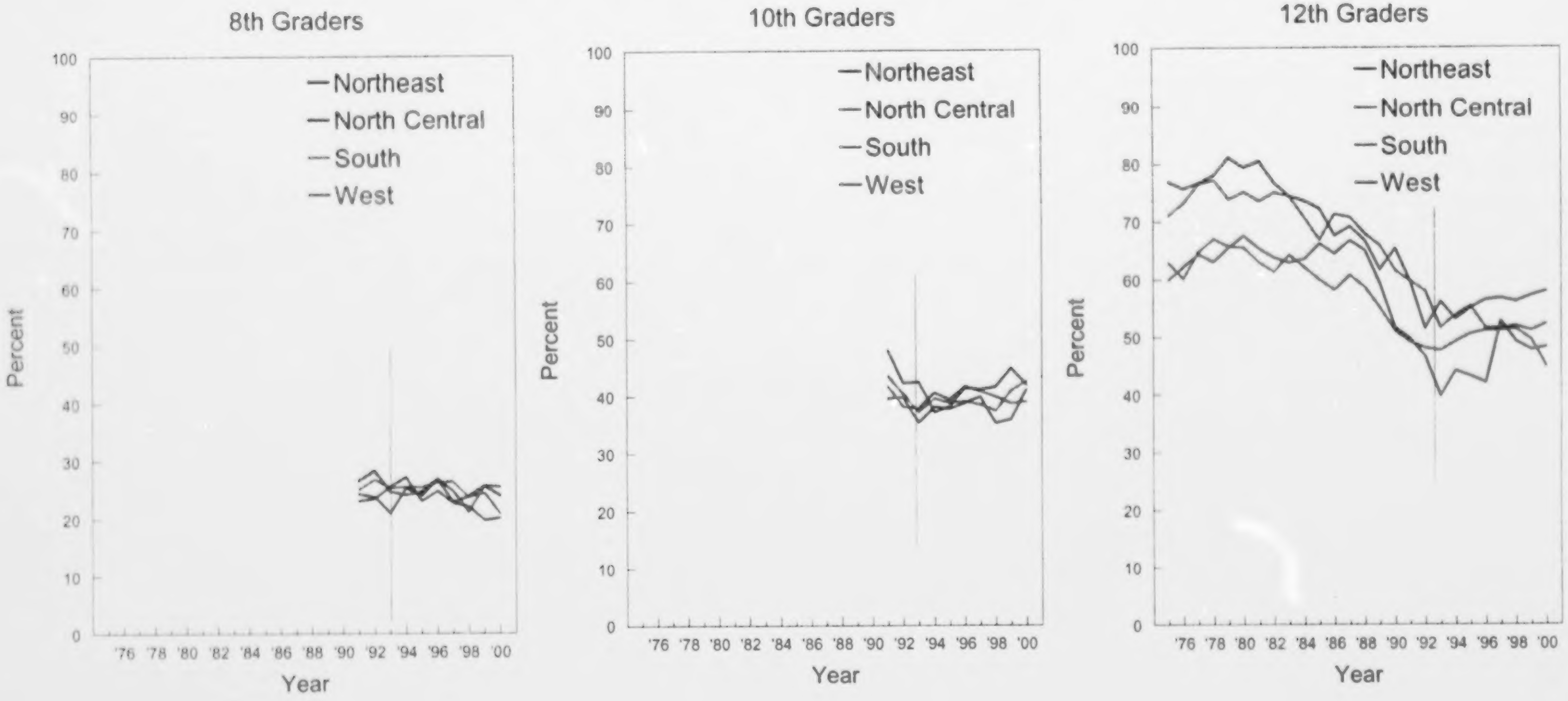
*NOTE: In 1993, the question was changed slightly to indicate that a "drink" means "more than just a few sips".

Alcohol: Trends in Thirty Day Prevalence by College Plans*



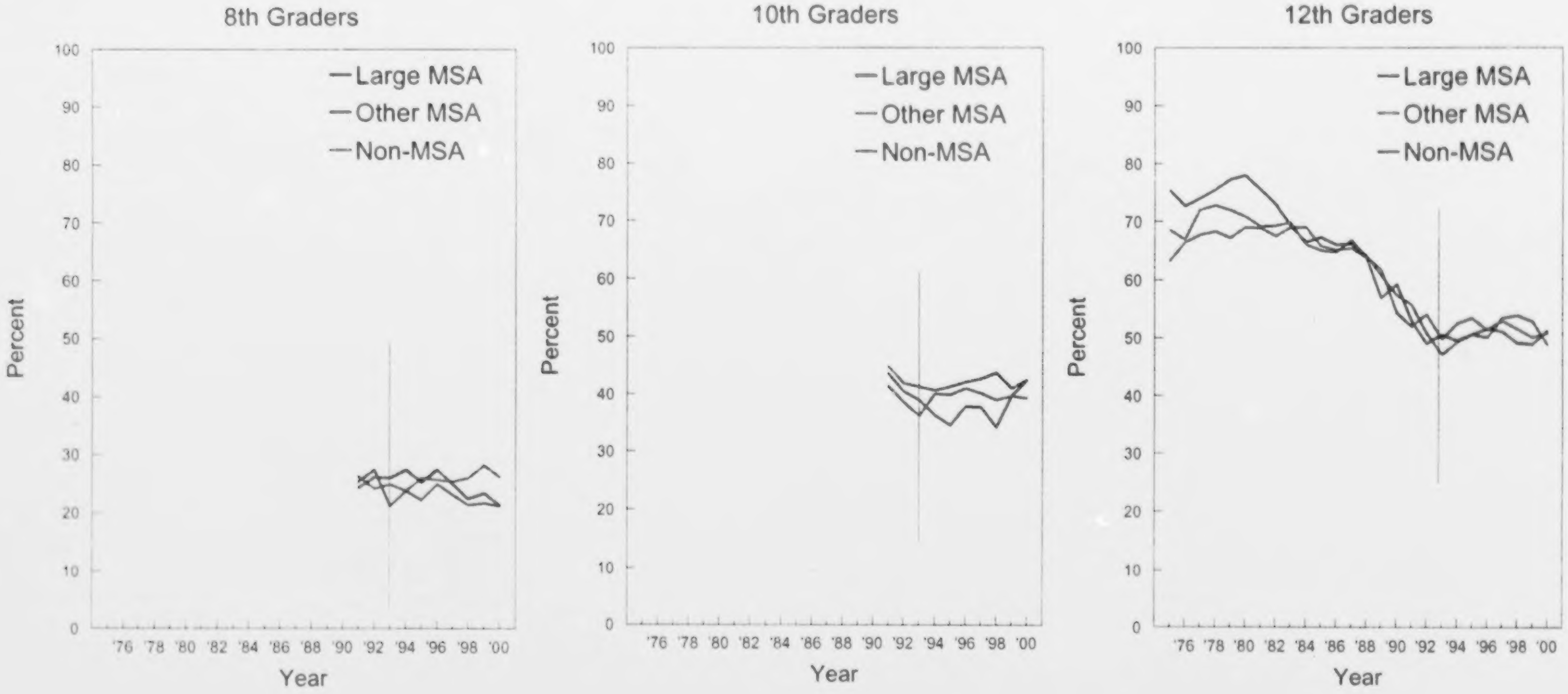
*NOTE: In 1993, the question text was changed slightly to indicate that a "drink" means "more than just a few sips".

Alcohol: Trends in Thirty Day Prevalence by Region*



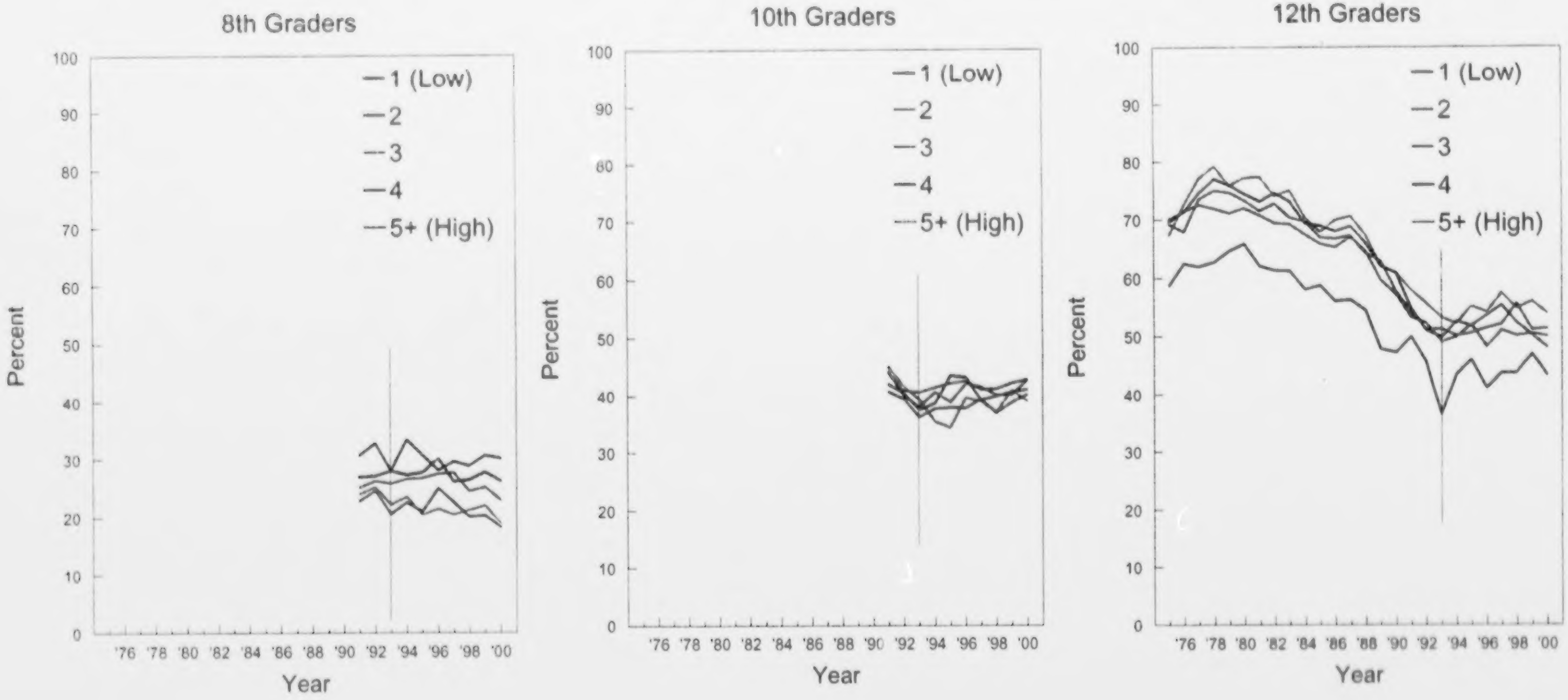
*NOTE: In 1993, the question text was changed slightly to indicate that a "drink" means "more than just a few sips".

Alcohol: Trends in Thirty Day Prevalence by Population Density*



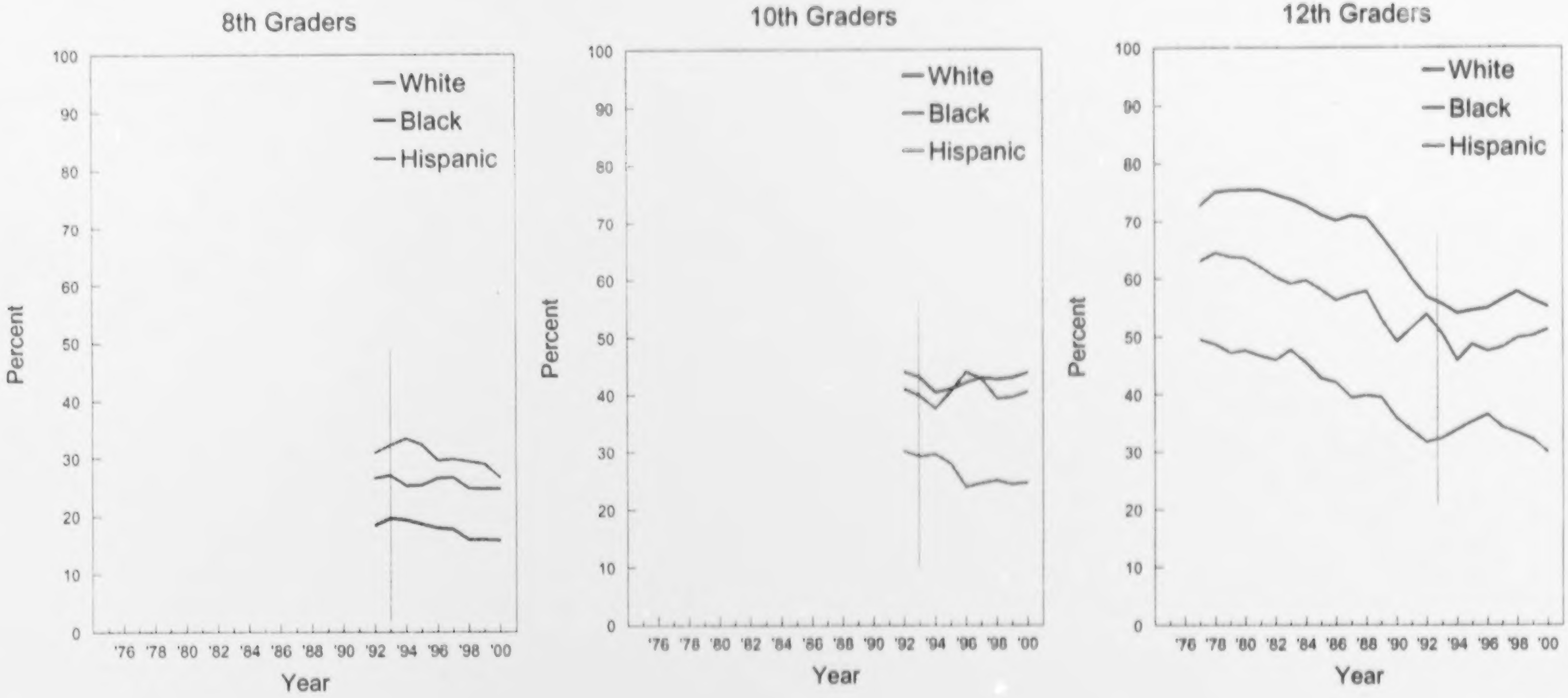
*NOTE: In 1993, the question text was changed slightly to indicate that a "drink" means "more than just a few sips"..

Alcohol: Trends in Thirty Day Prevalence by Parents' Average Education*



*NOTE: In 1993, the question text was changed slightly to indicate that a "drink" means "more than just a few sips".

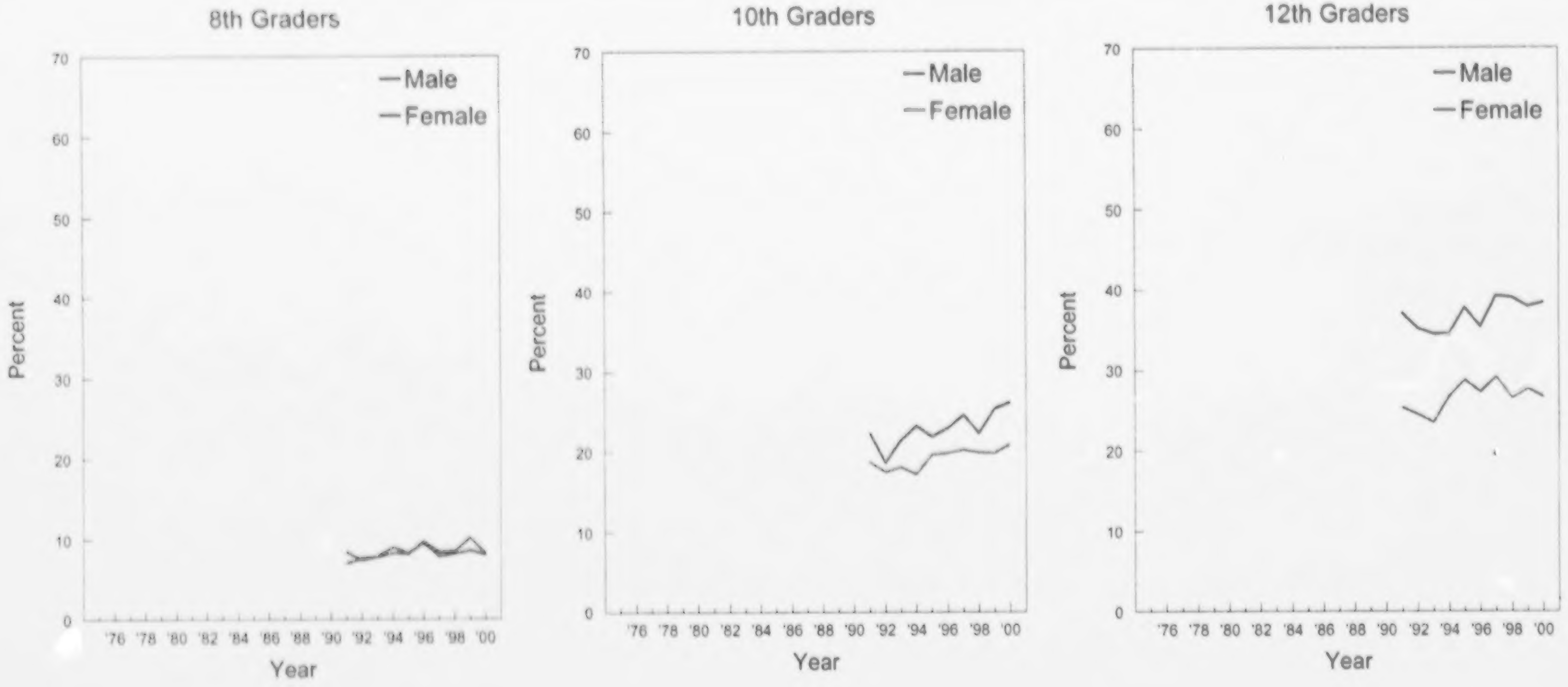
Alcohol: Trends in Thirty Day Prevalence by Race/Ethnicity*



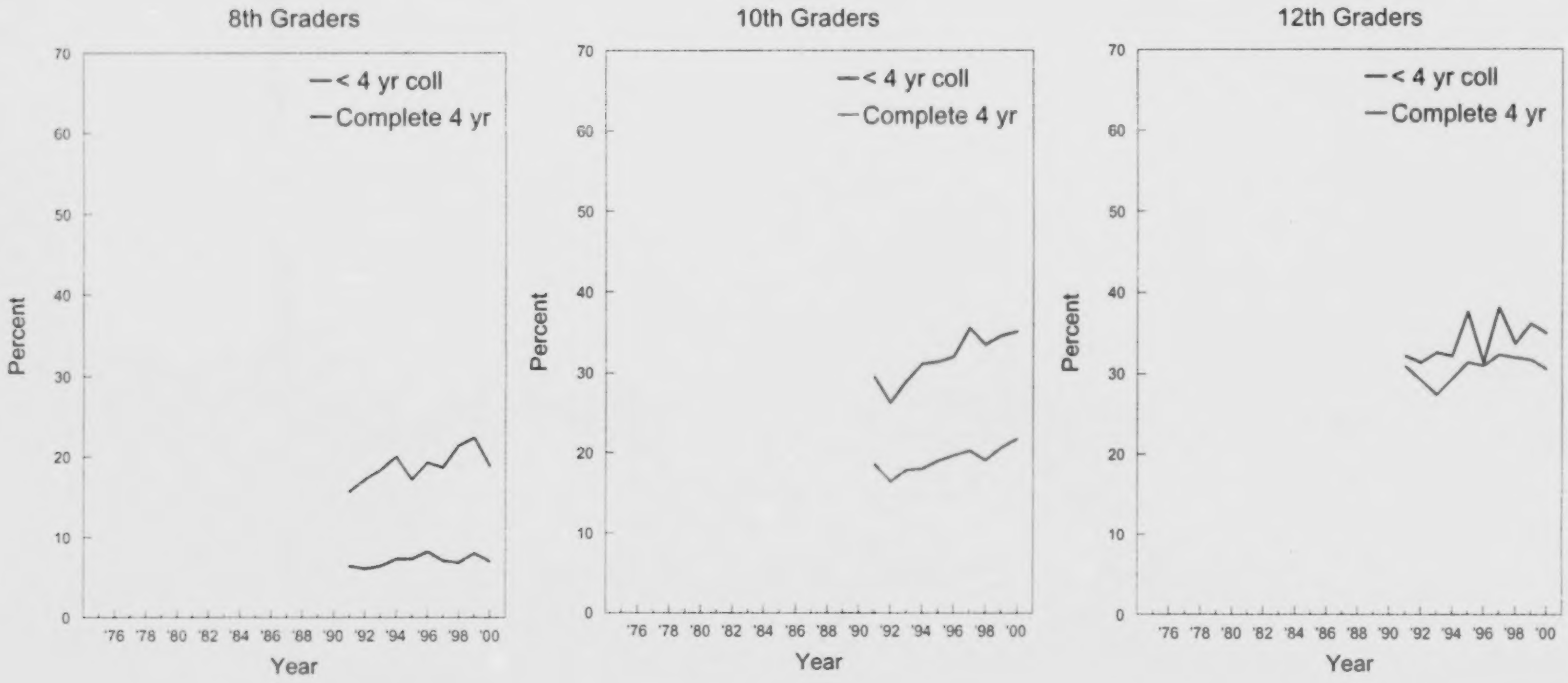
*NOTES: In 1993, the question text was changed slightly to indicate that a "drink" means "more than a few sips".

These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

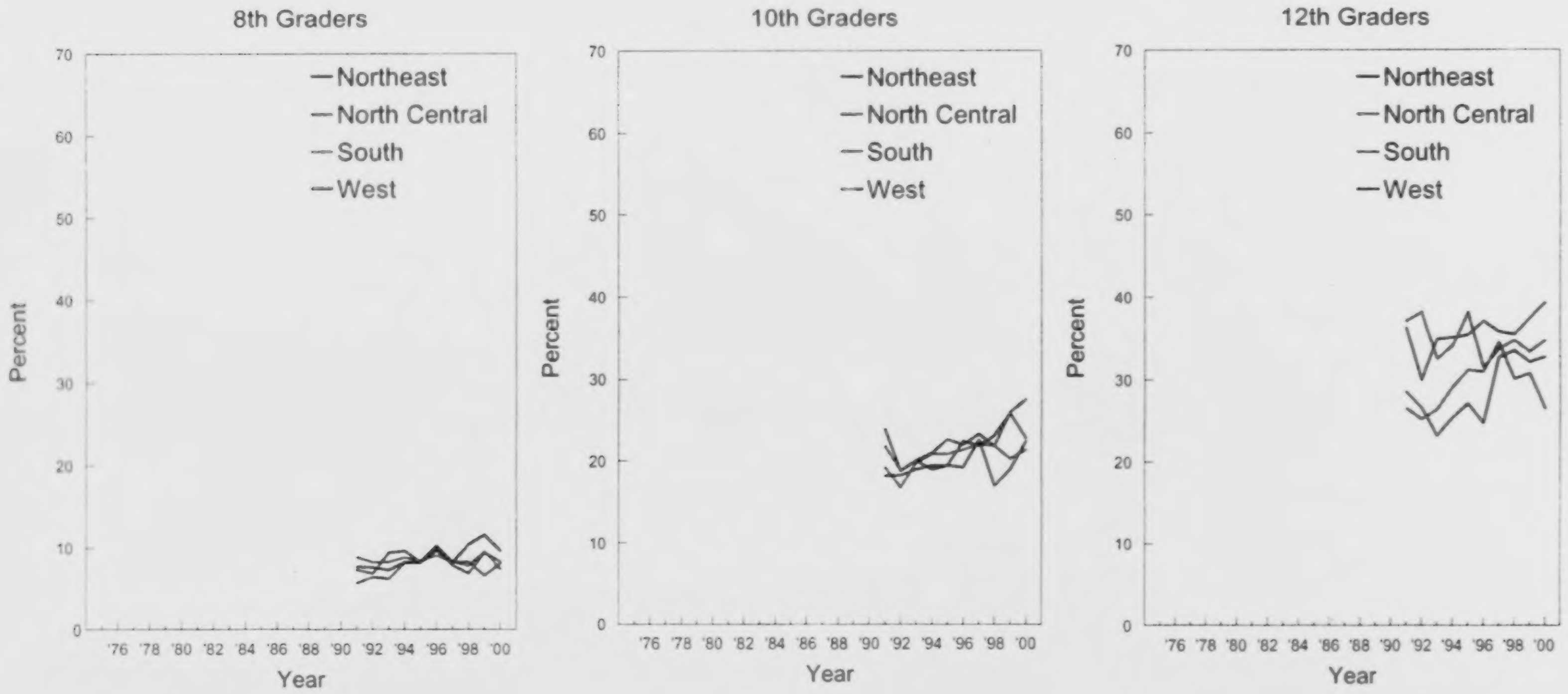
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Gender



Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by College Plans



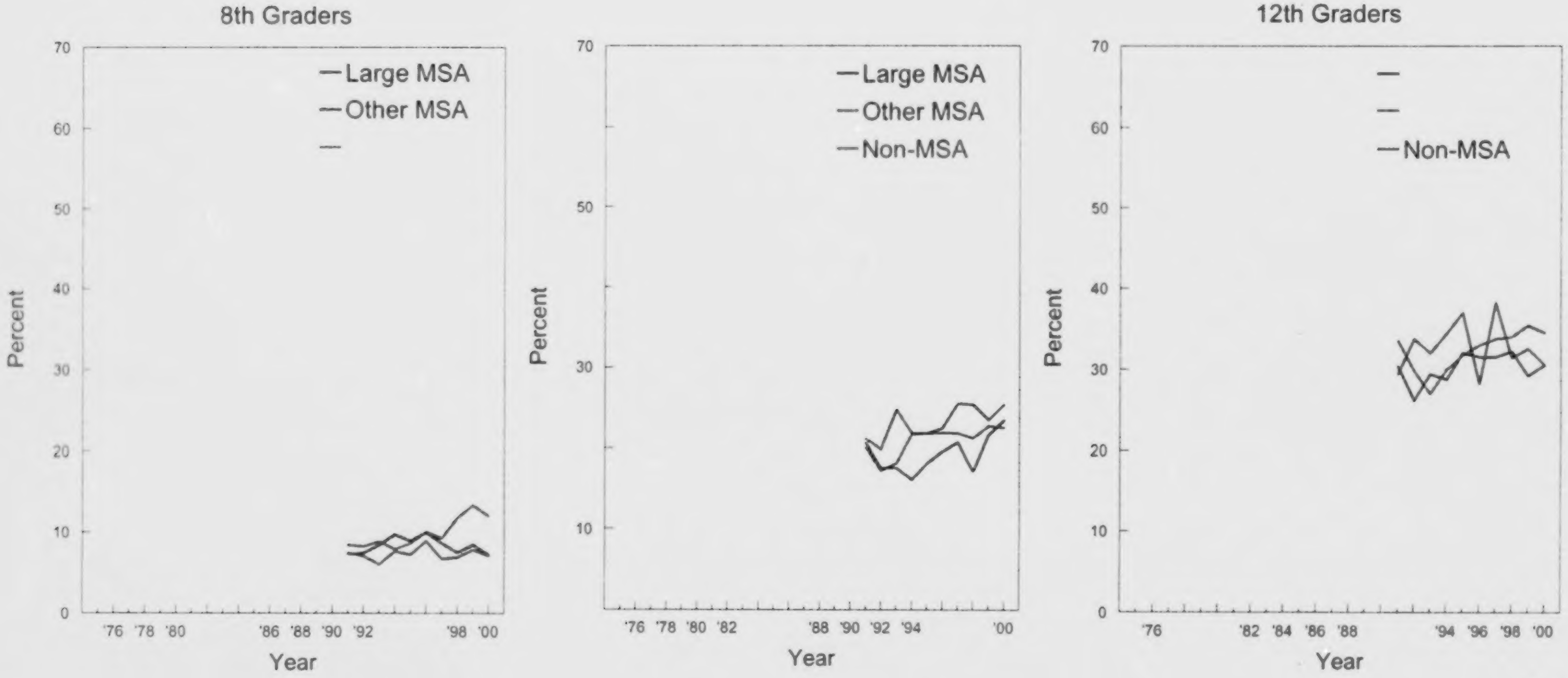
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Region


8th Graders

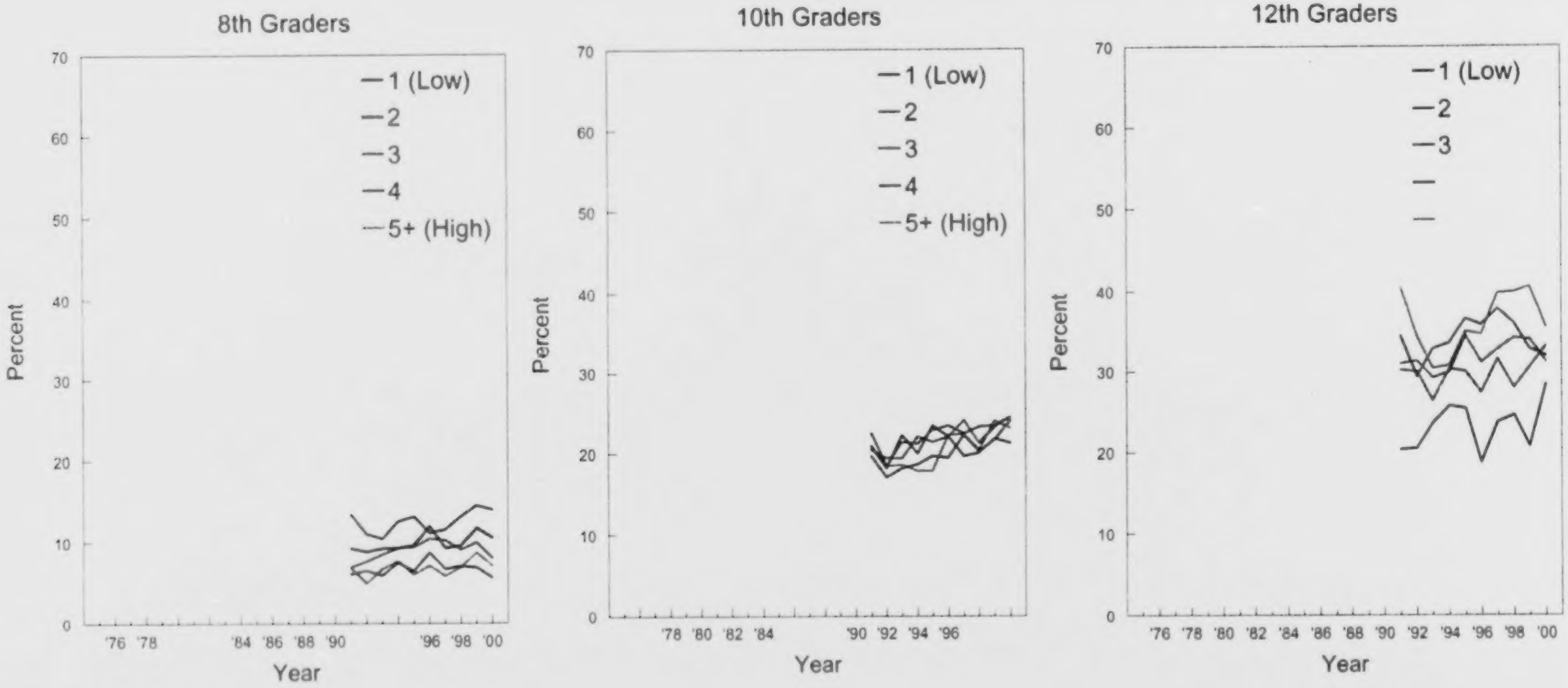
10th Graders

12th Graders

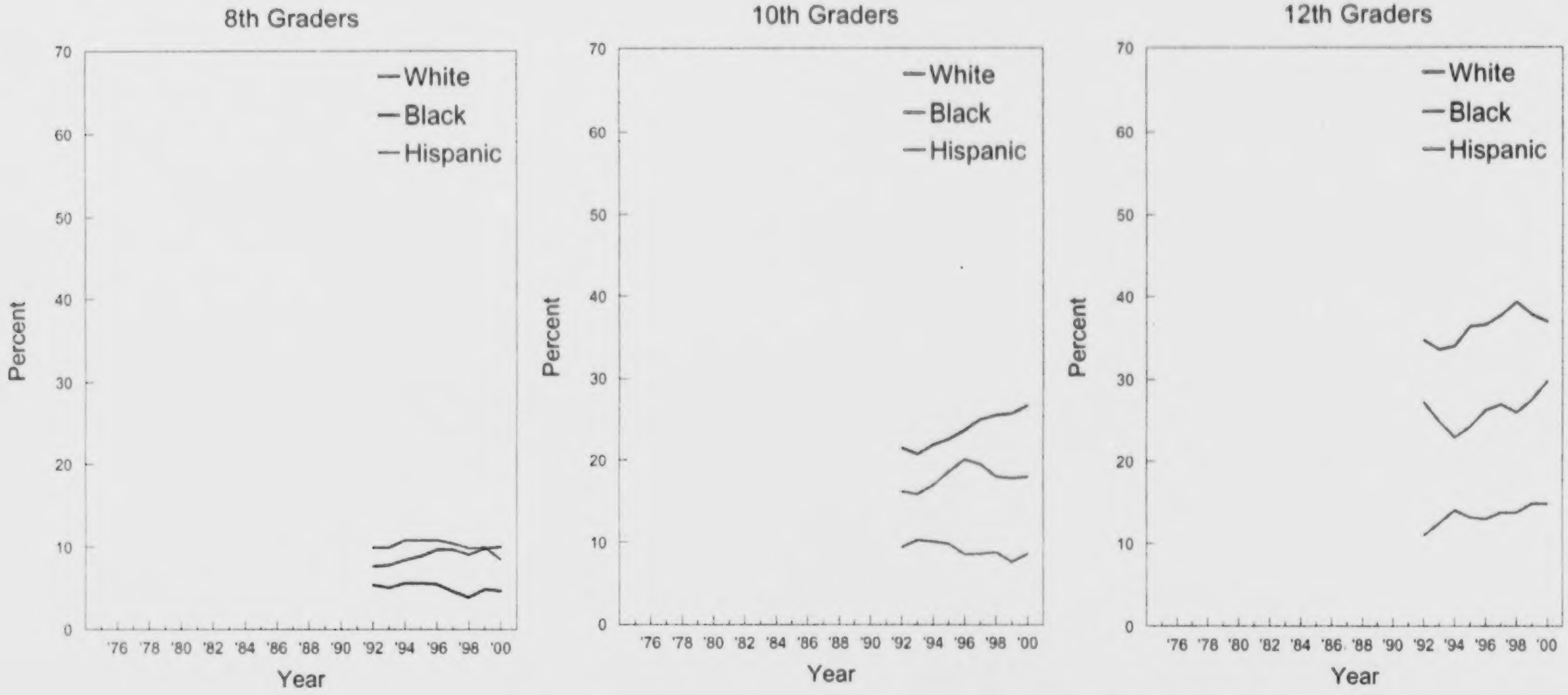
Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Population Density



Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Parents' Average Education

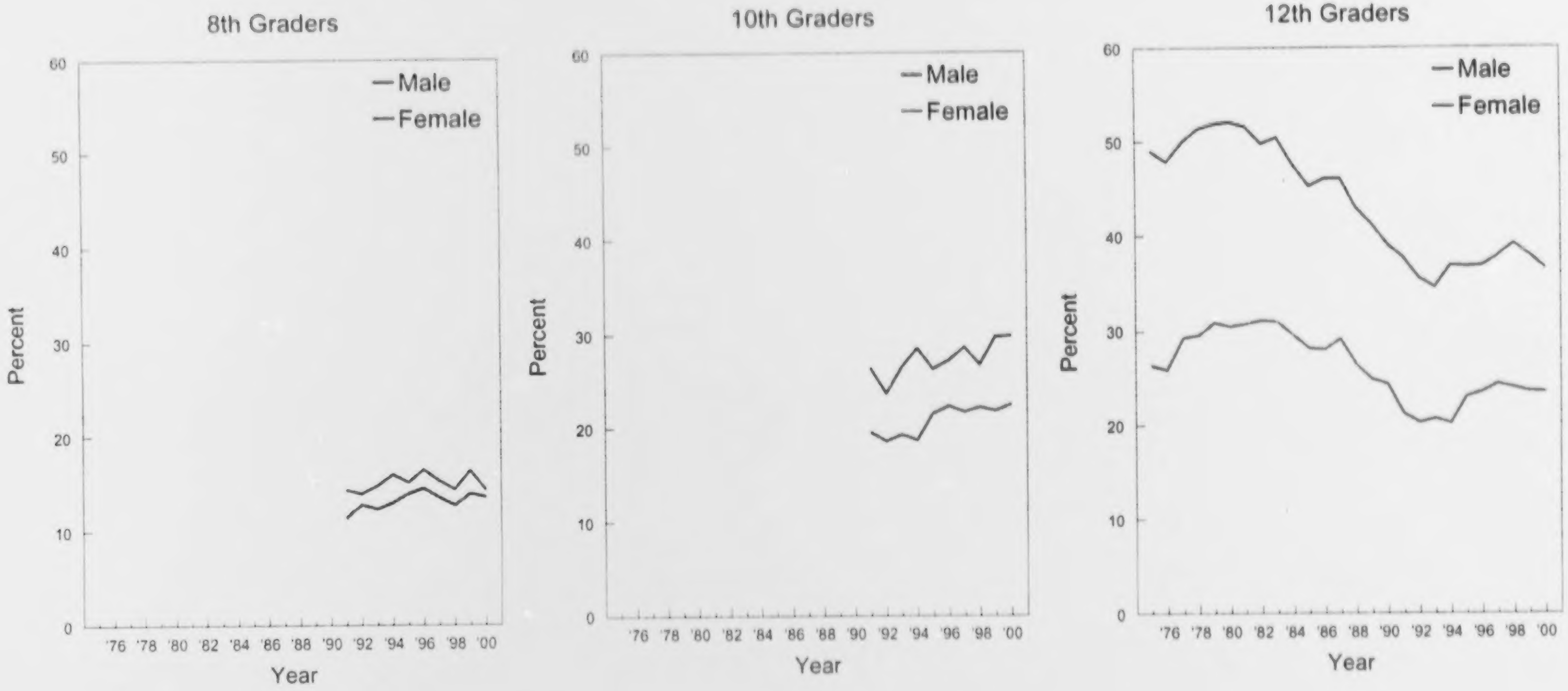


Alcohol: Trends in 30-Day Prevalence of Having Been Drunk by Race/Ethnicity*

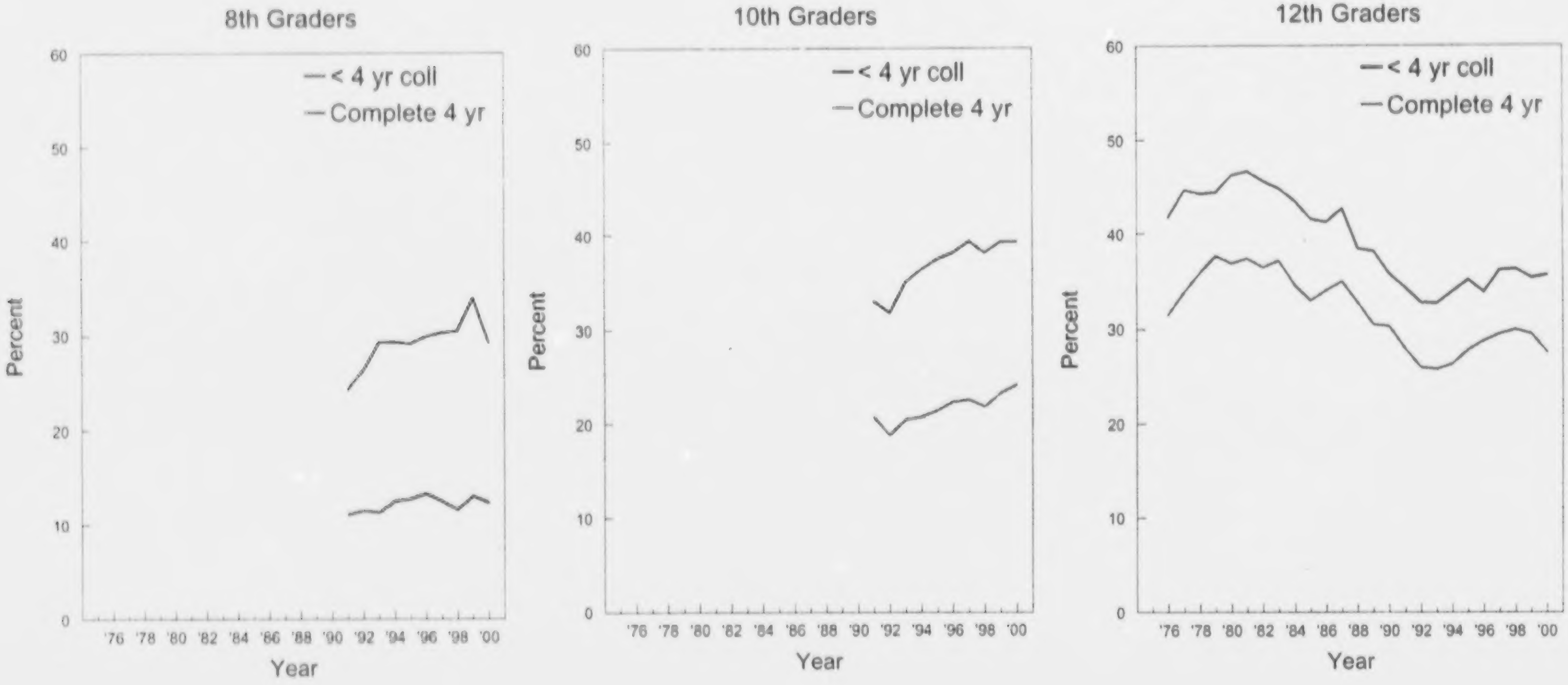


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year) .

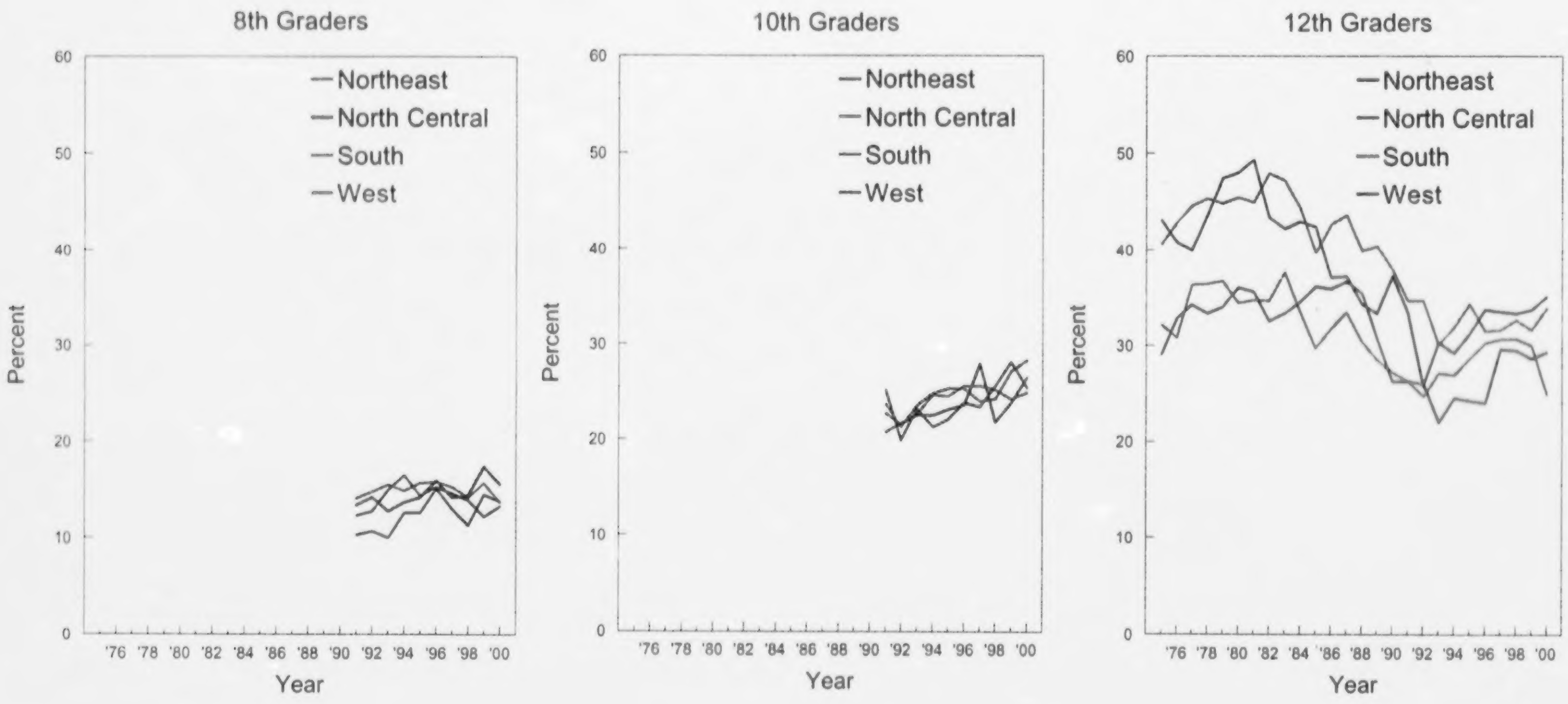
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Gender



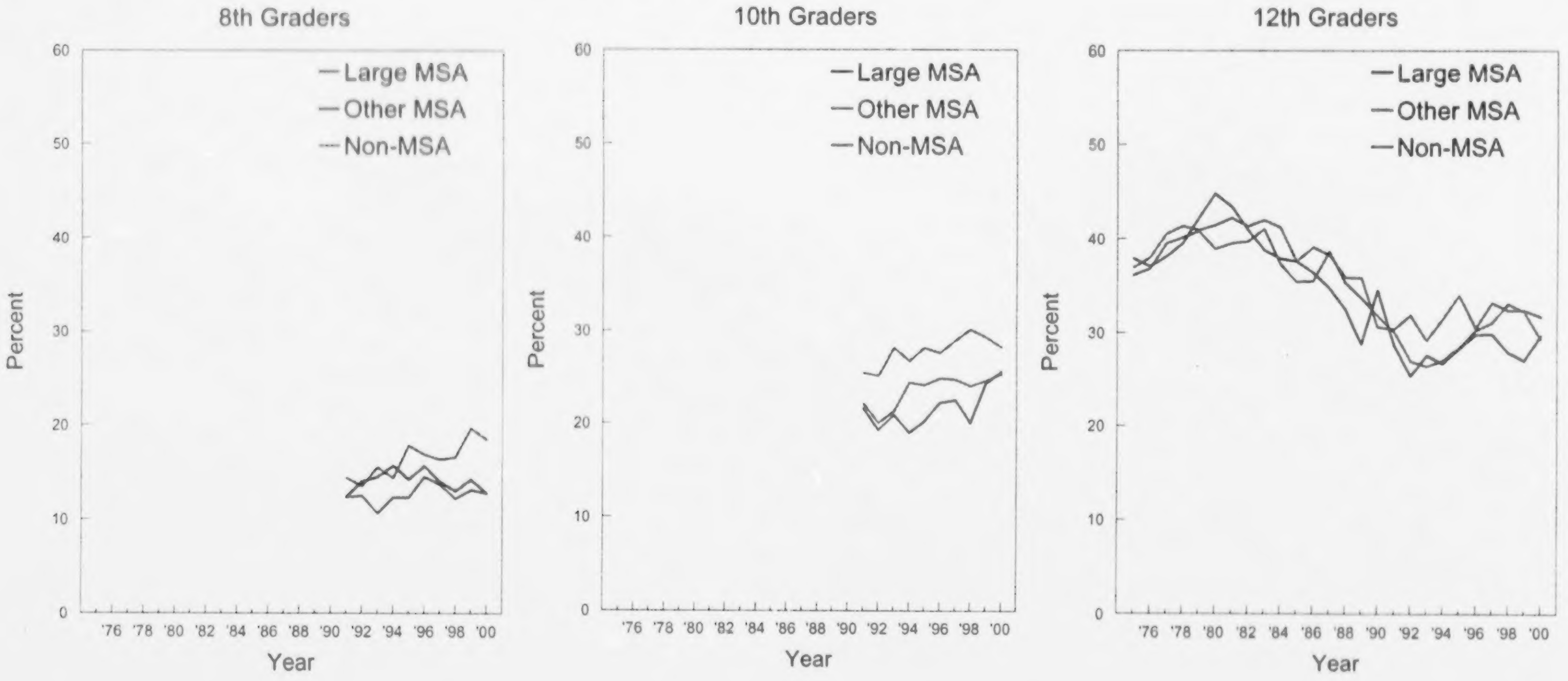
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by College Plans



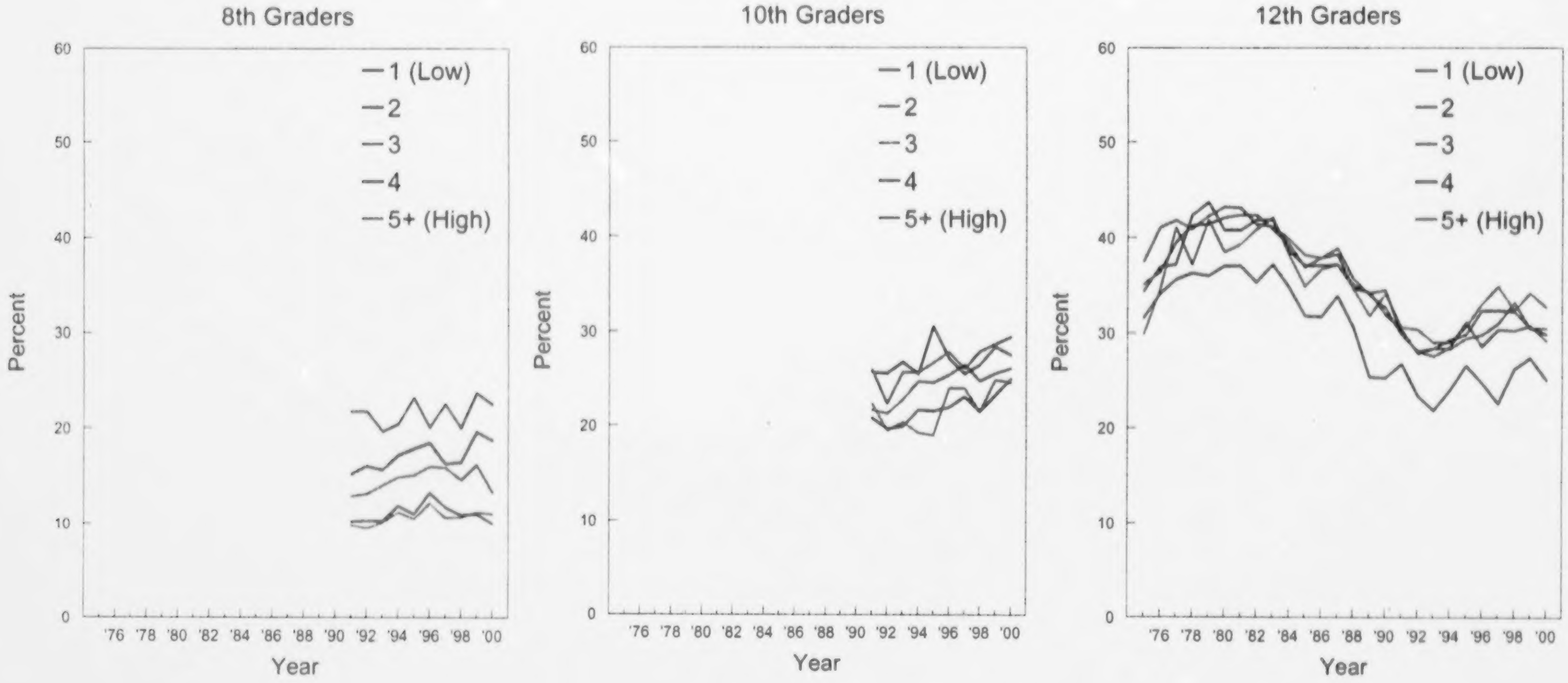
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Region



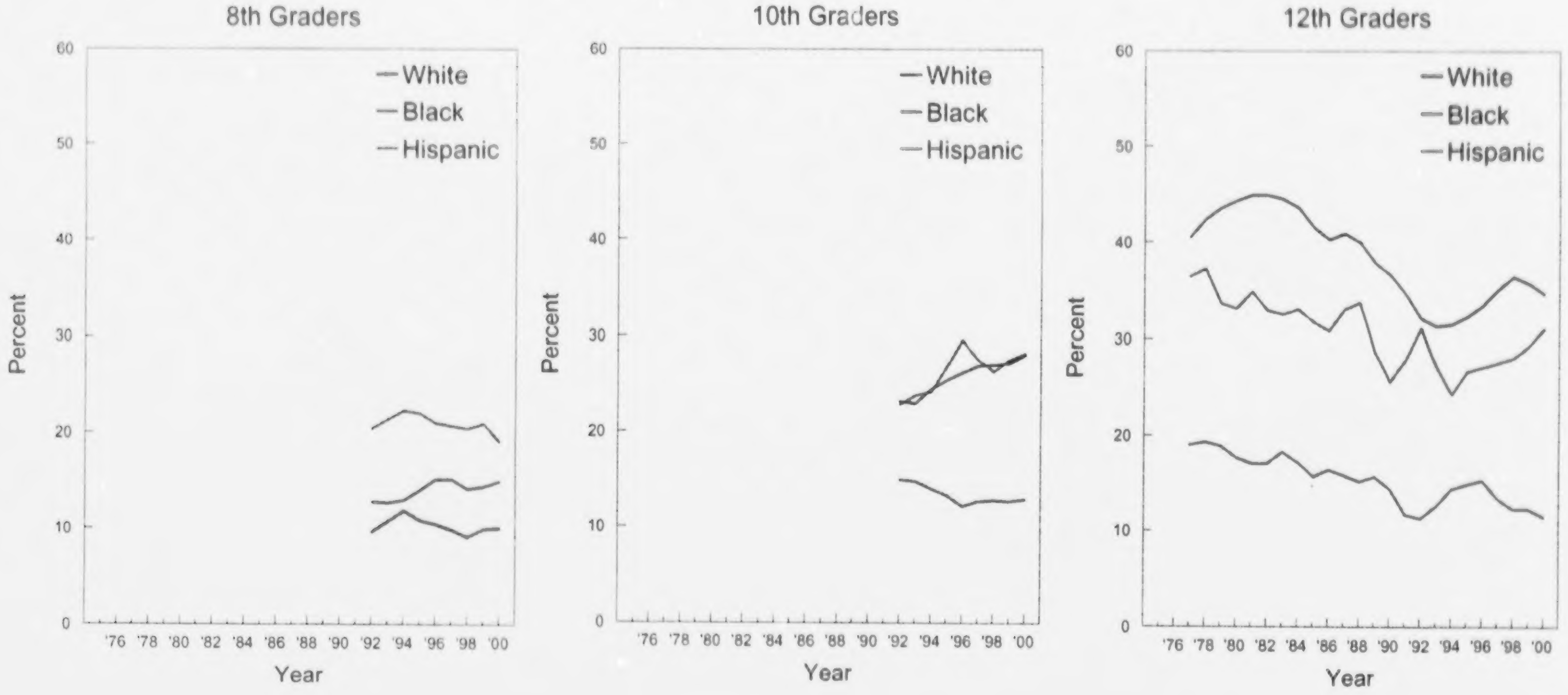
Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Population Density



Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Parents' Average Education

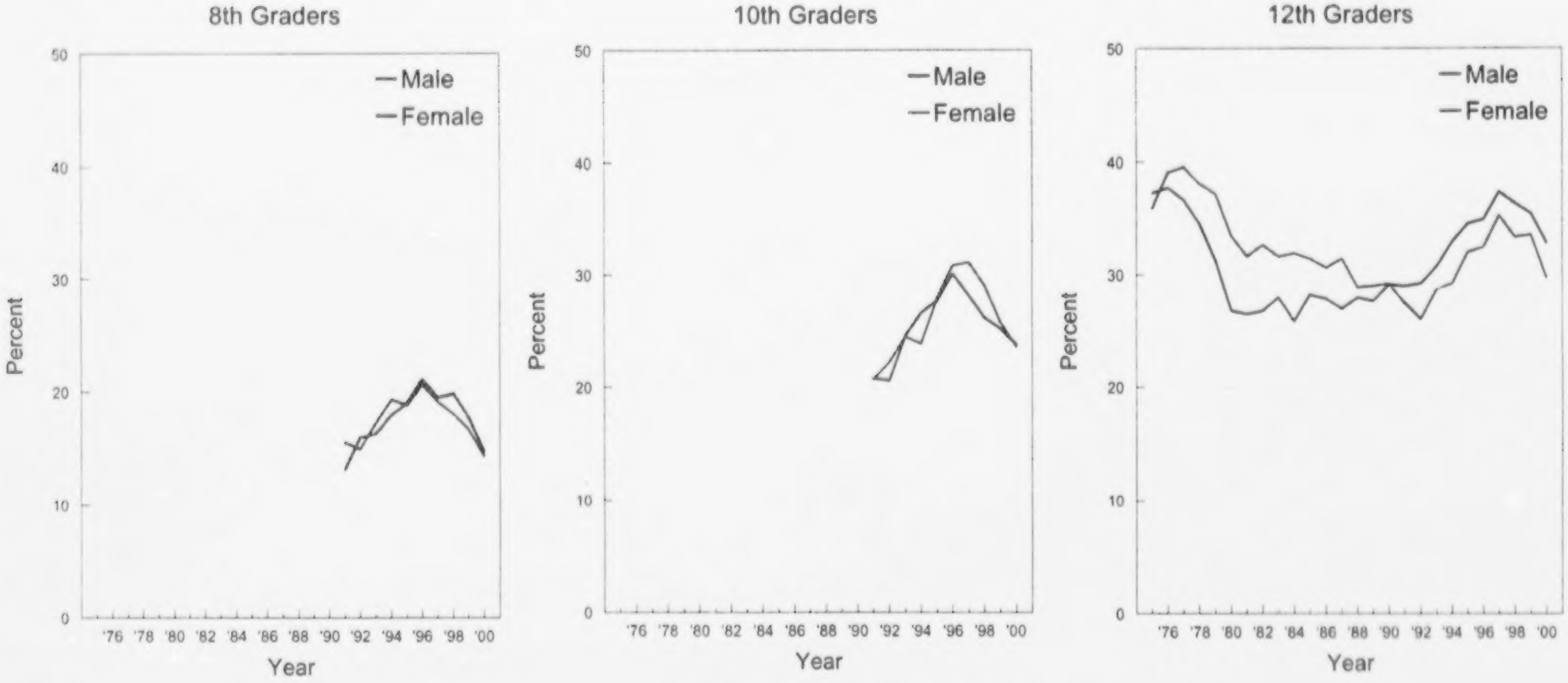


Alcohol: Trends in Two-Week Prevalence of 5 or More Drinks in a Row by Race/Ethnicity*

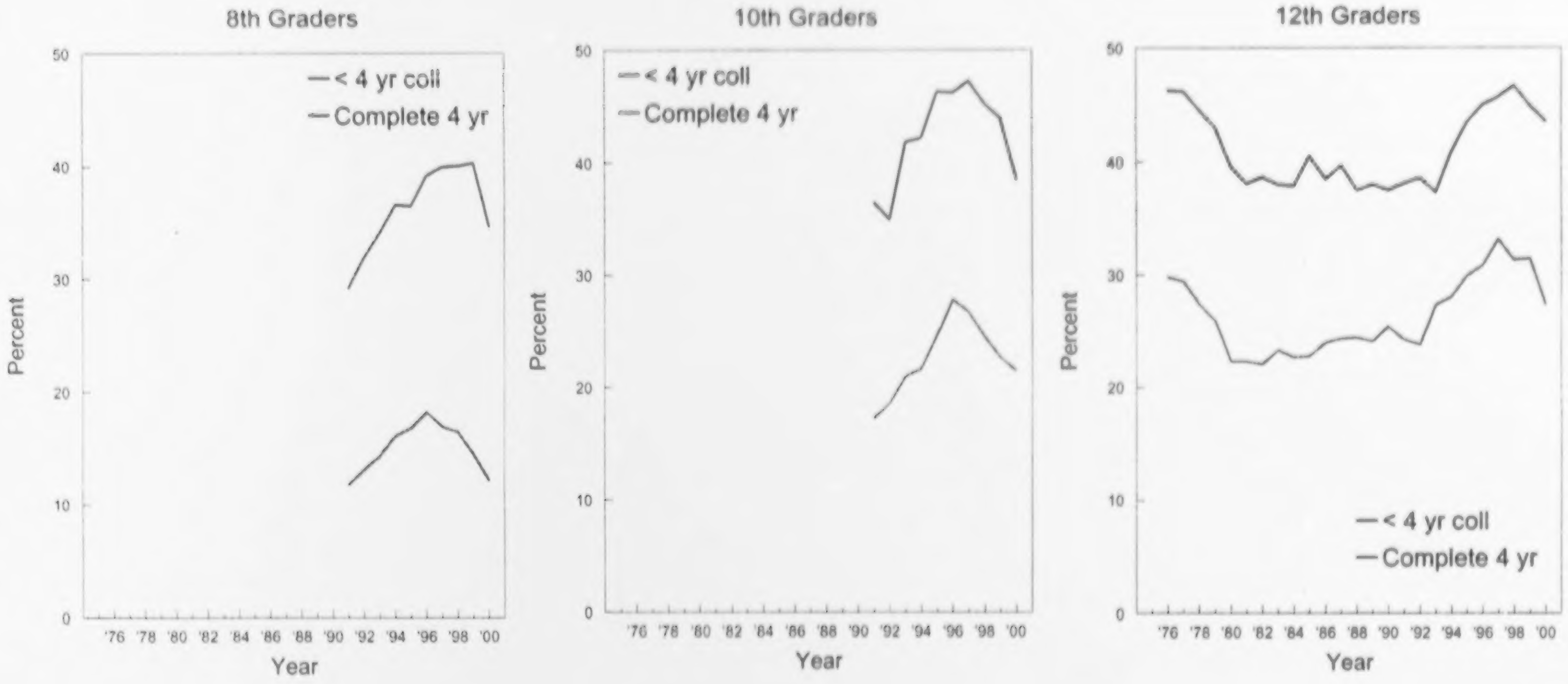


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

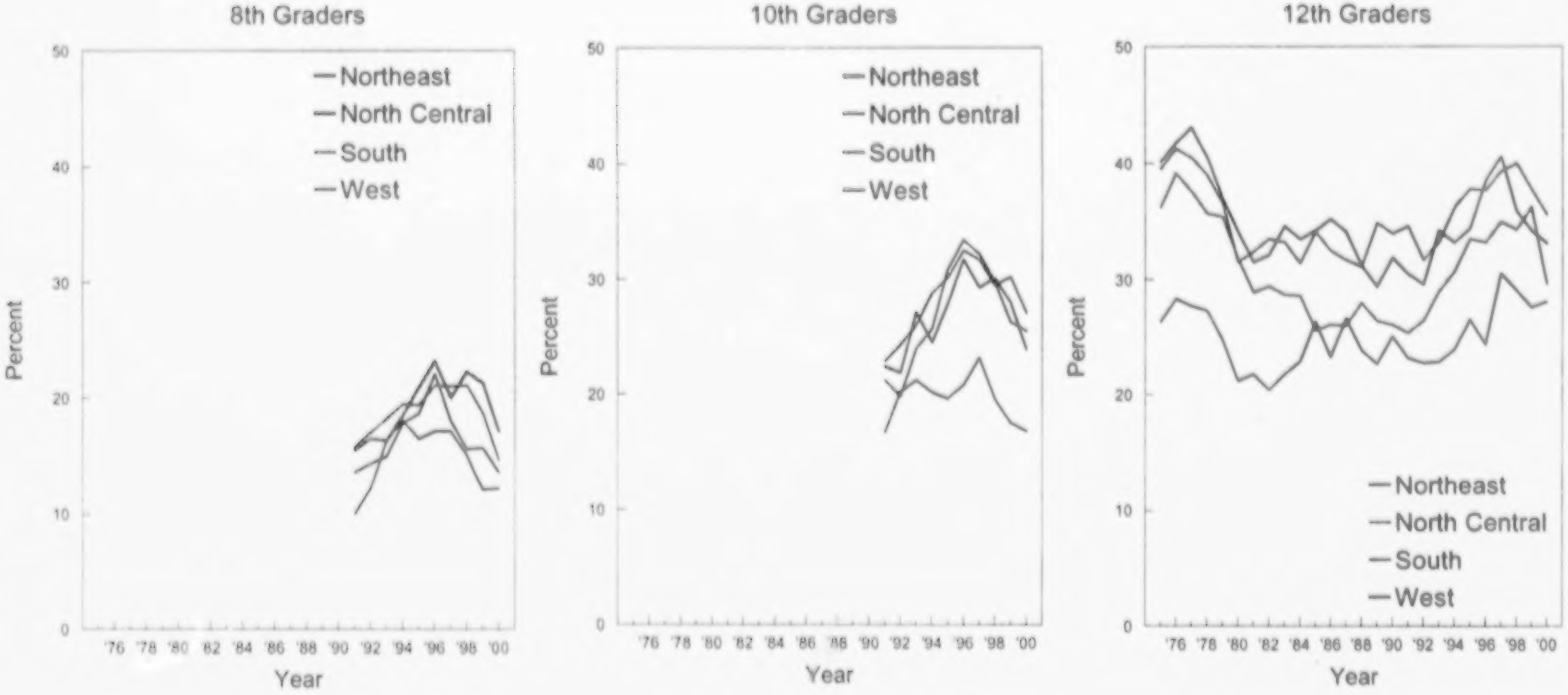
Cigarettes: Trends in 30-Day Prevalence by Gender



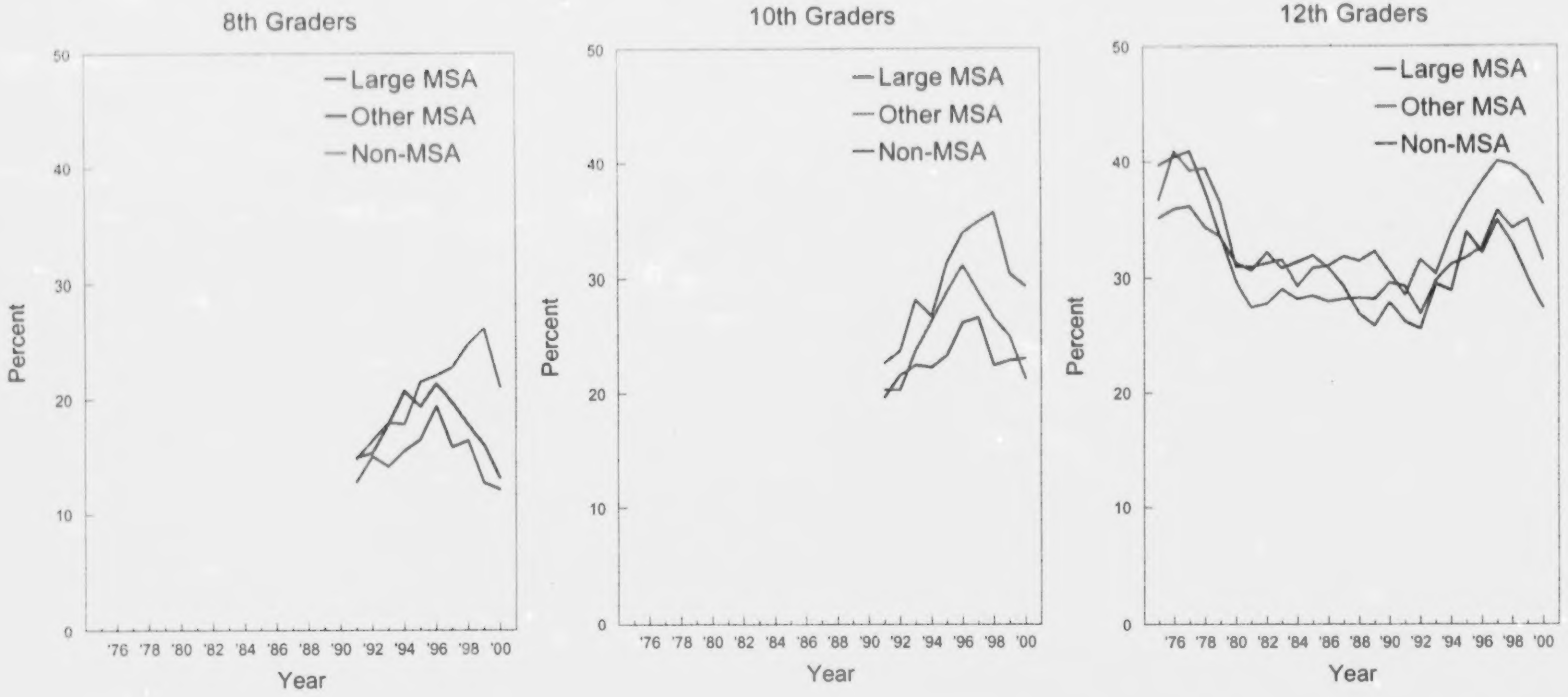
Cigarettes: Trends in 30-Day Prevalence by College Plans



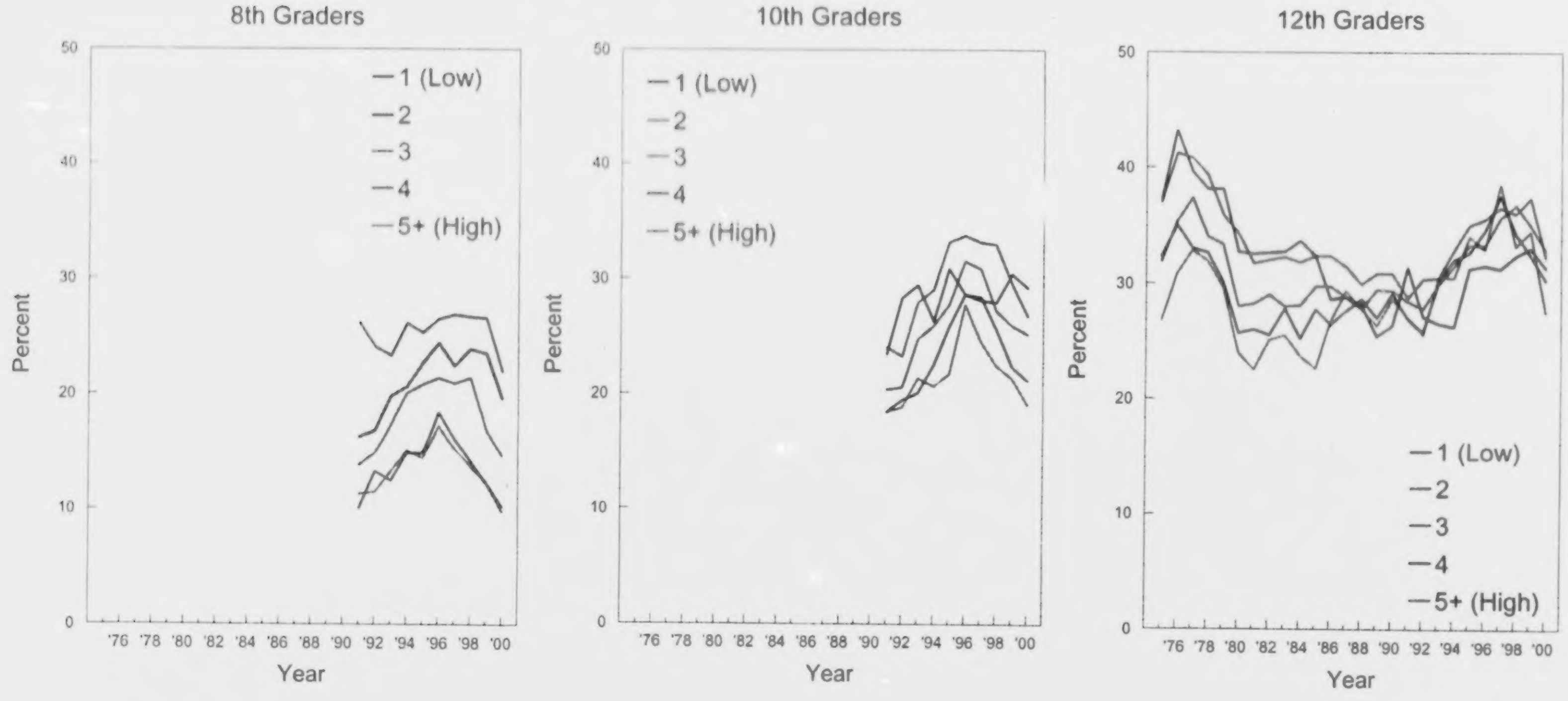
Cigarettes: Trends in 30-Day Prevalence by Region



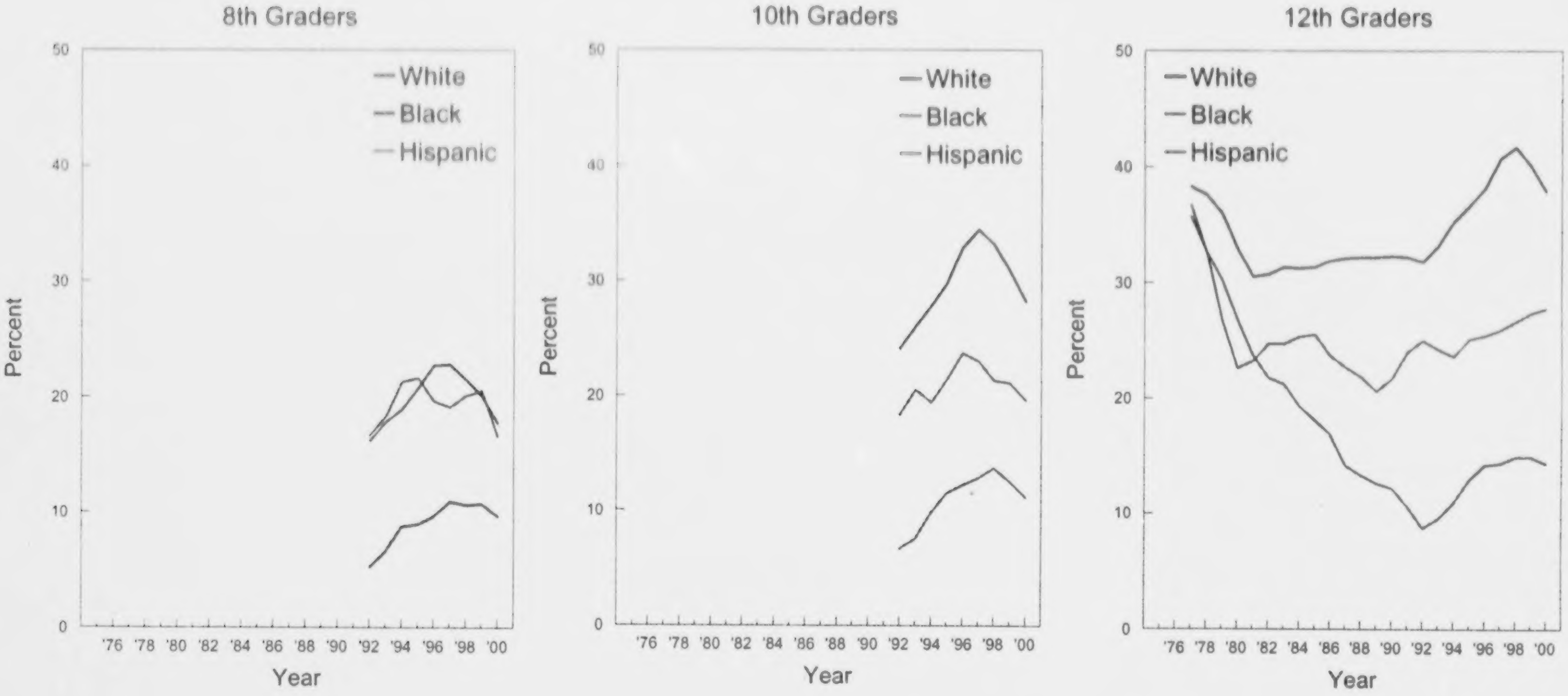
Cigarettes: Trends in 30-Day Prevalence by Population Density



Cigarettes: Trends in 30-Day Prevalence by Parents' Average Education

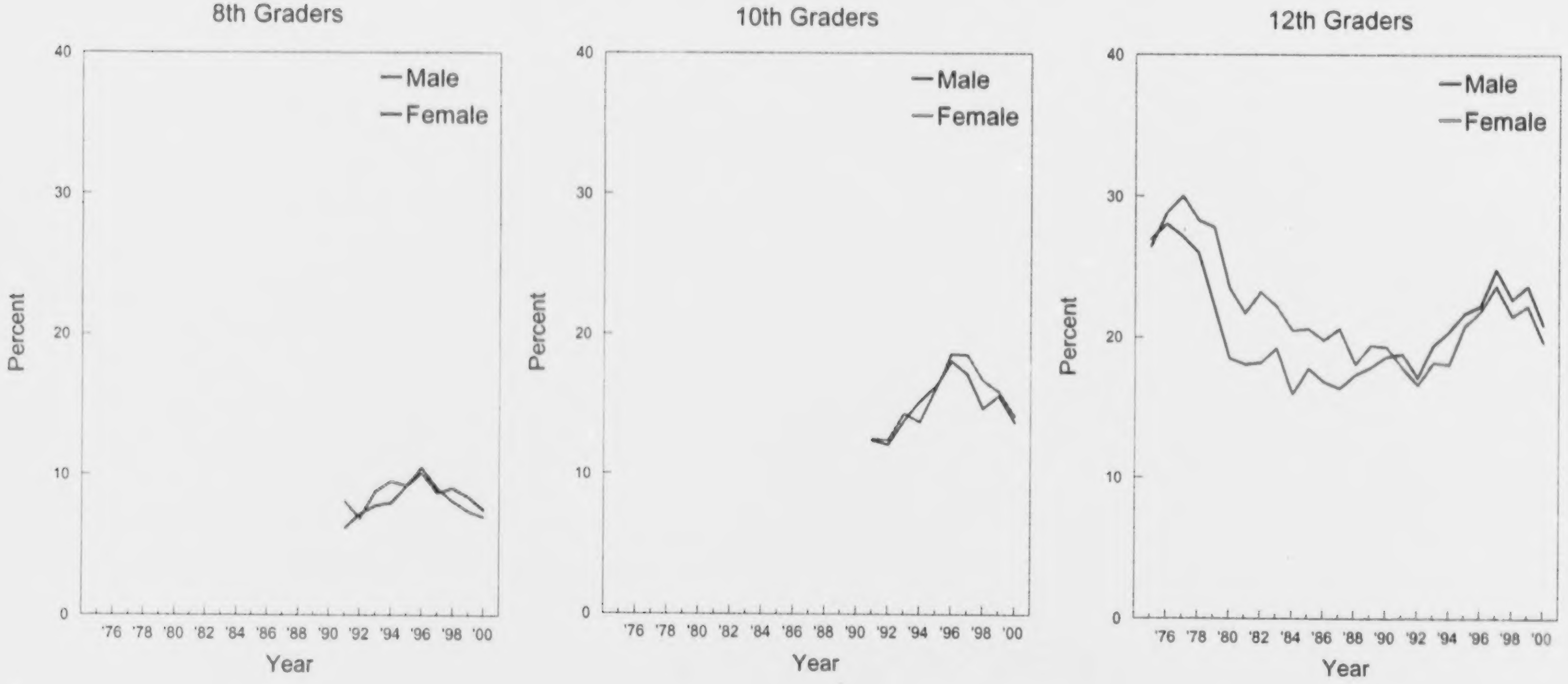


Cigarettes: Trends in 30-Day Prevalence by Race/Ethnicity*

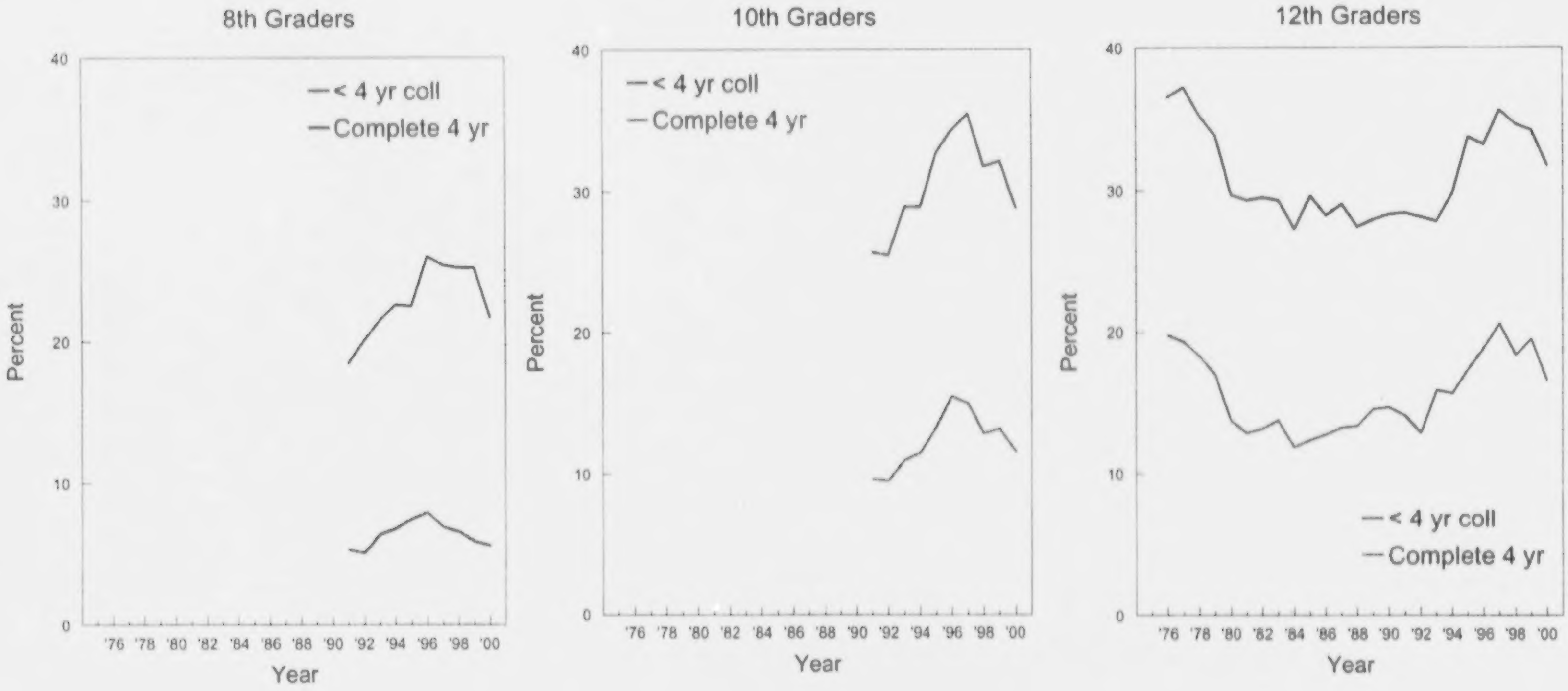


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

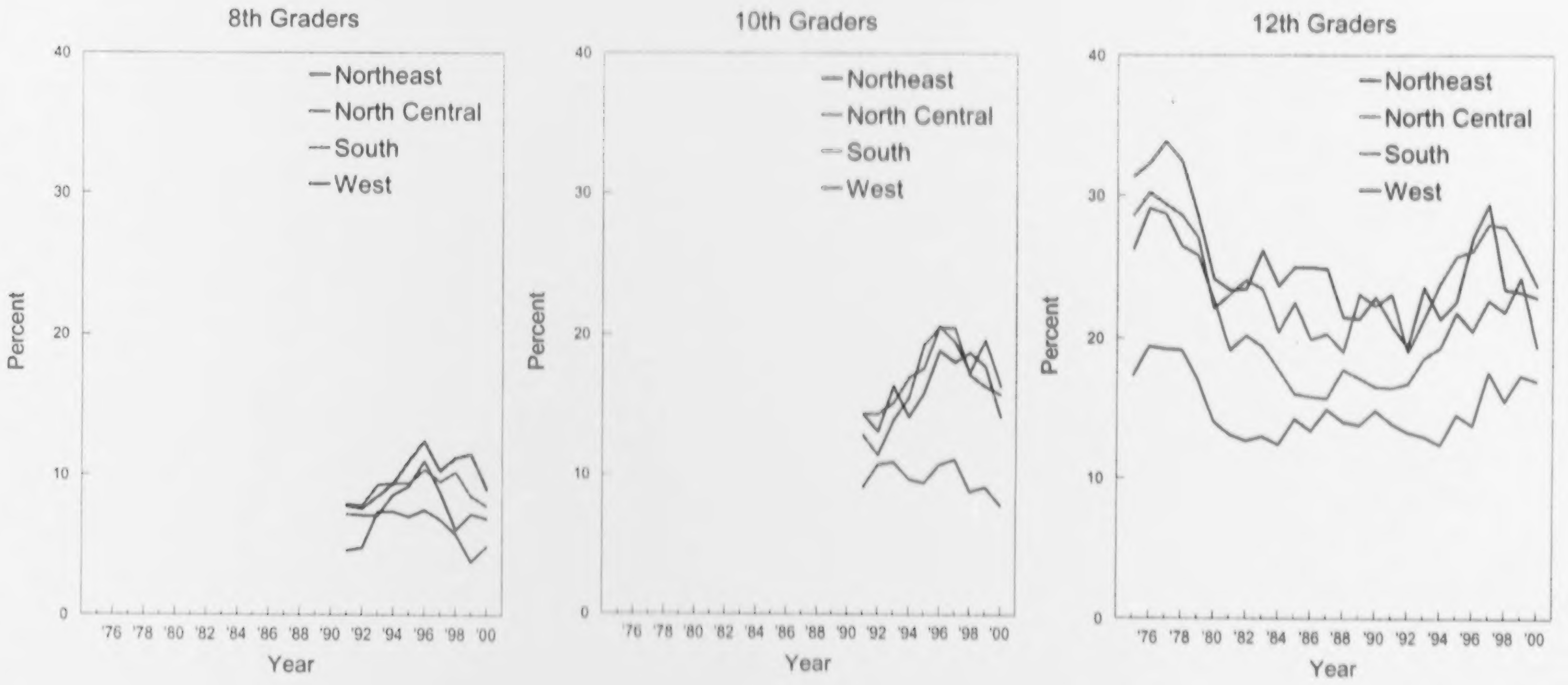
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Gender



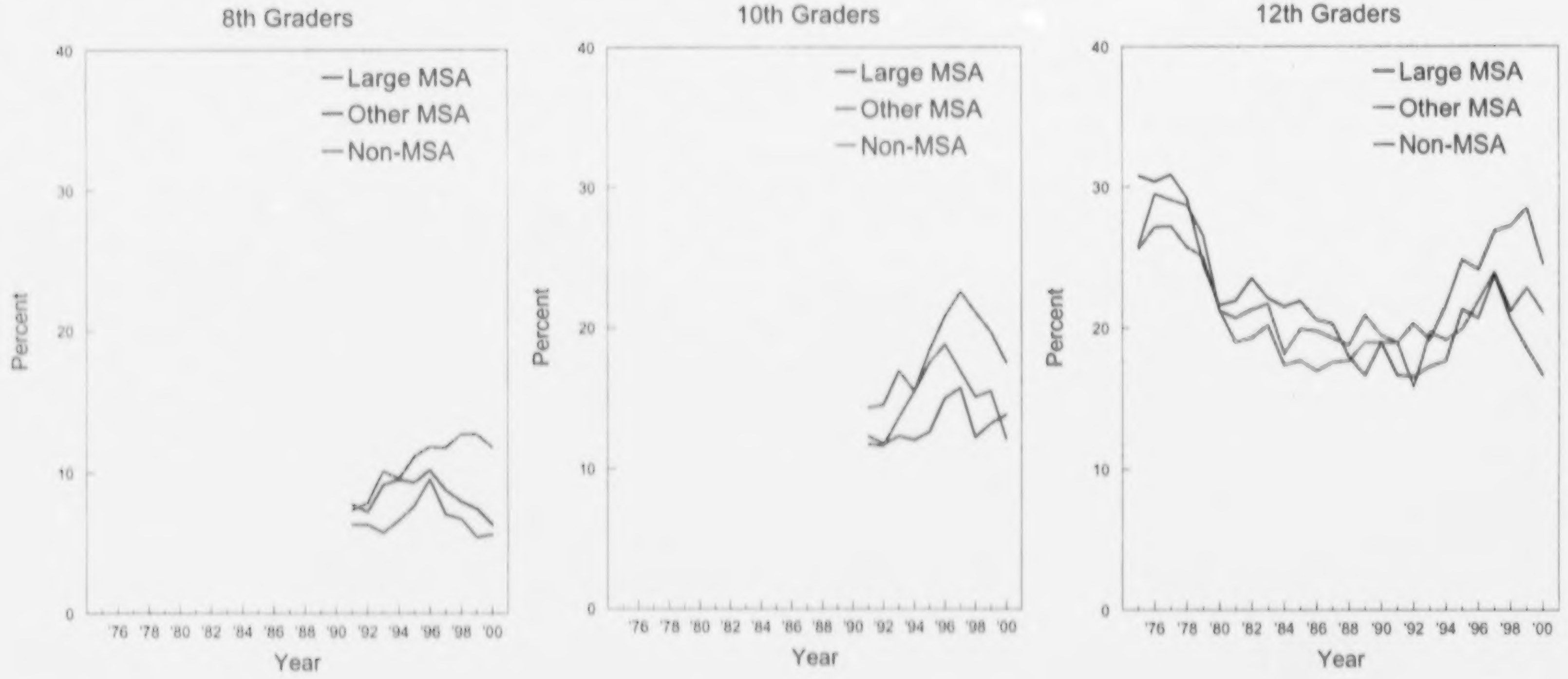
Cigarettes: Trends in 30-Day Prevalence of Daily Use by College Plans



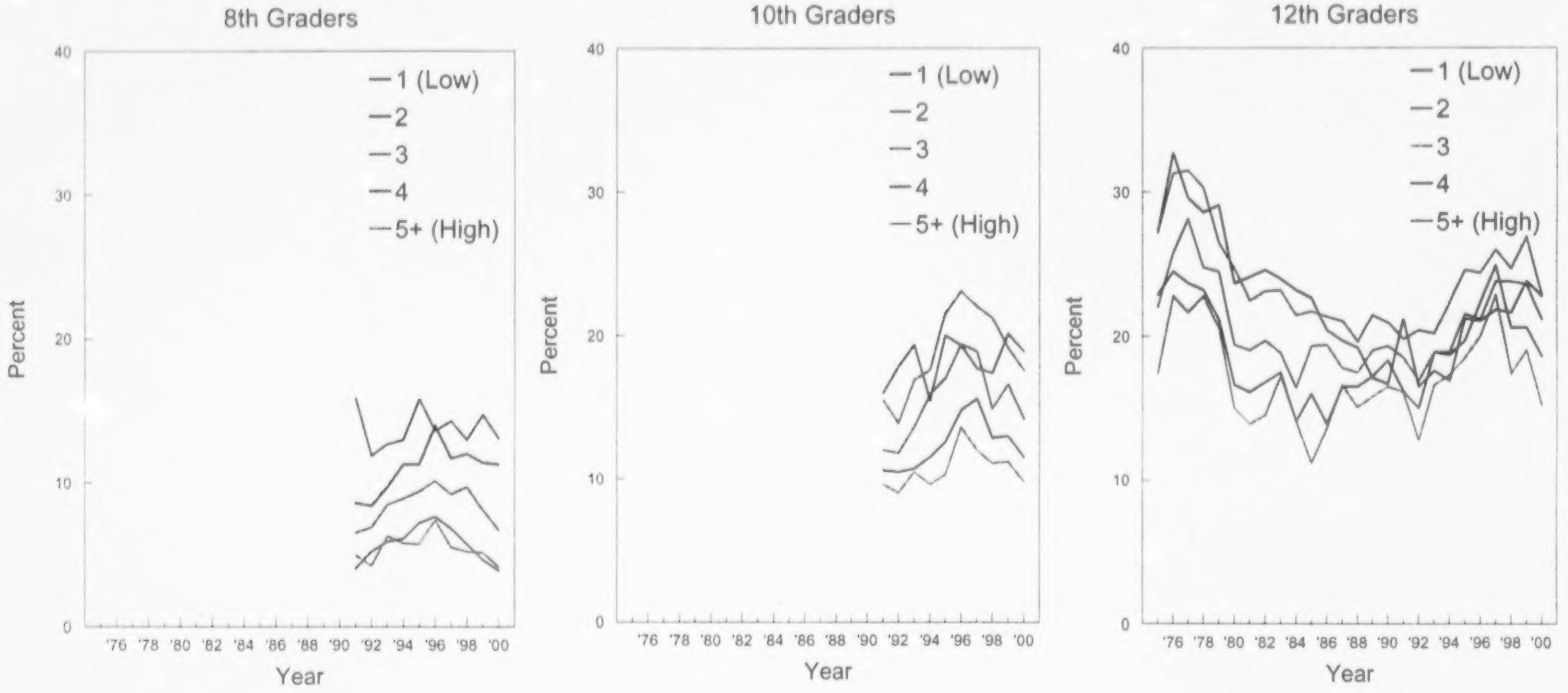
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Region



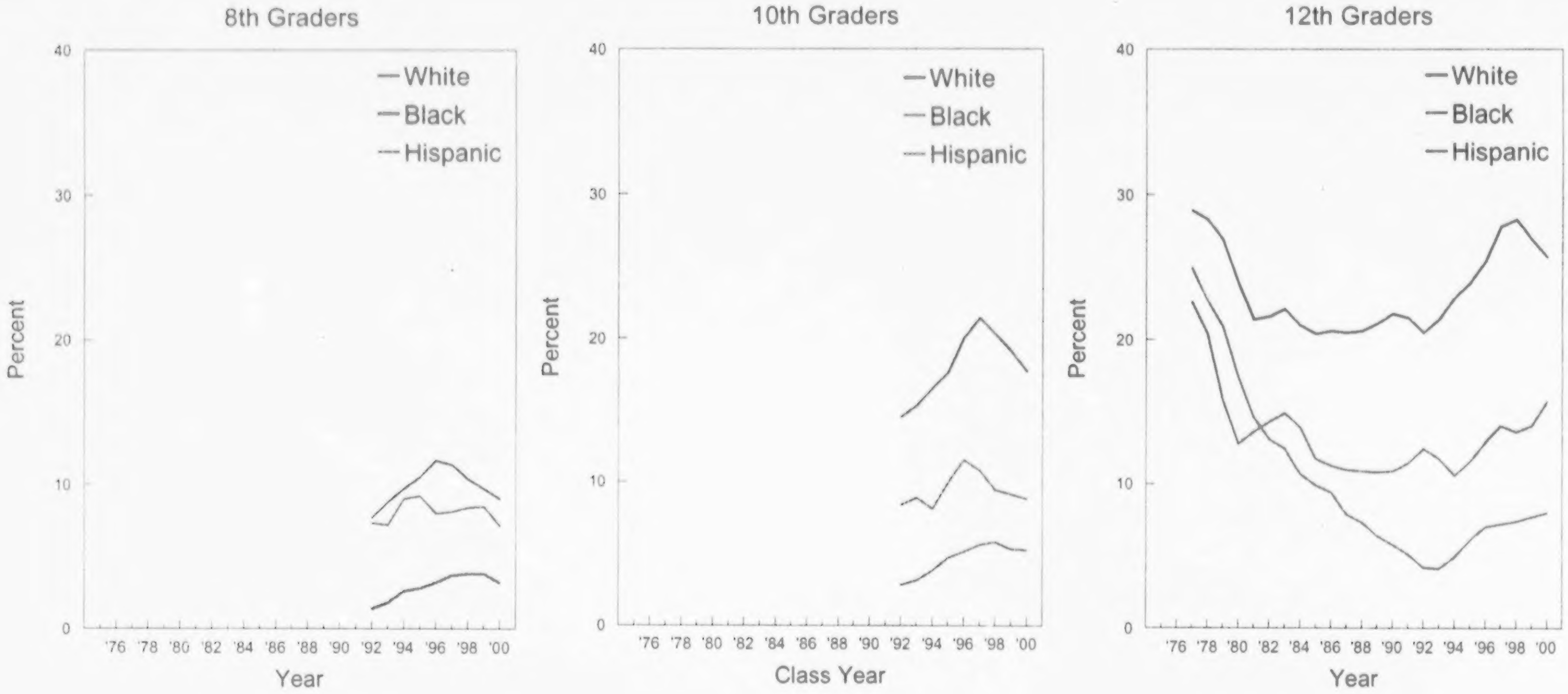
Cigarettes: Trends in 30-Day Prevalence of Daily Use by Population Density



Cigarettes: Trends in 30-Day Prevalence of Daily Use by Parents' Average Education

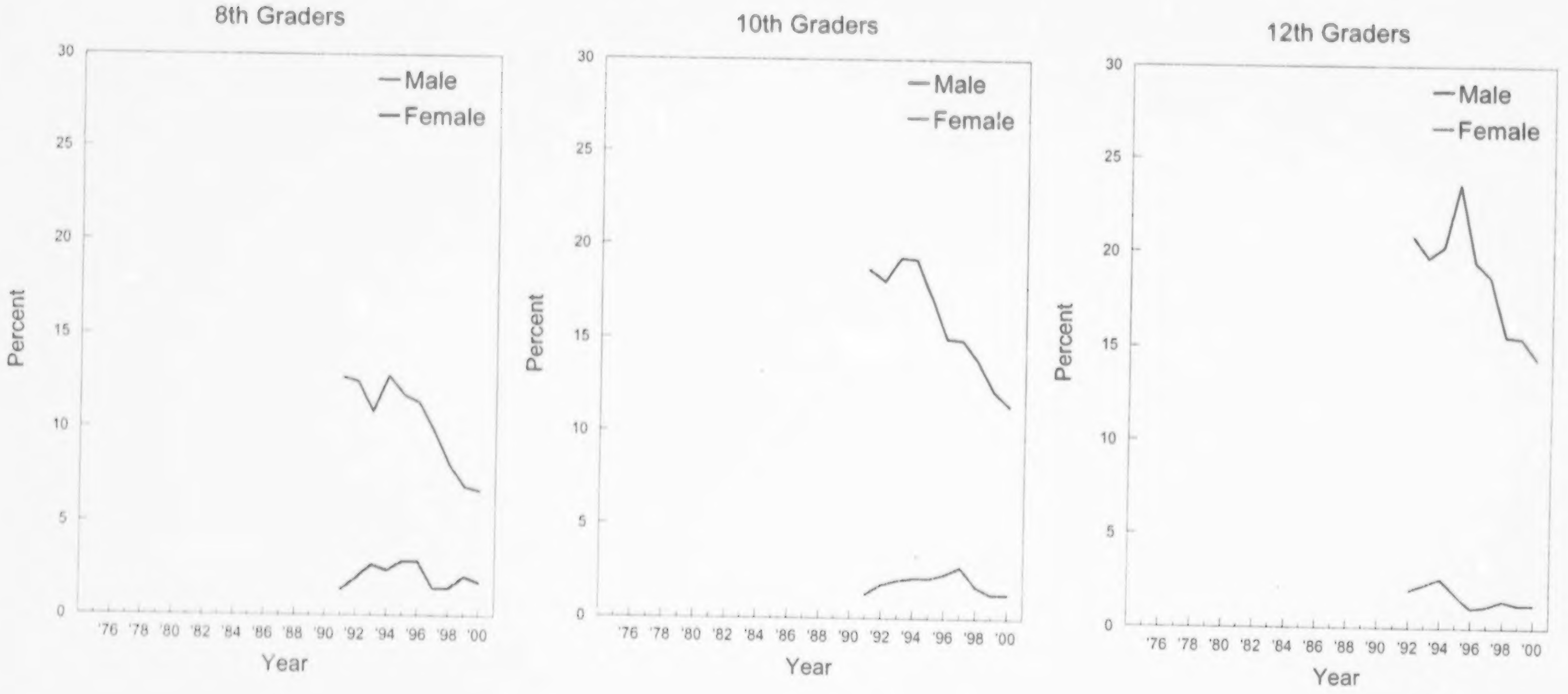


Cigarettes: Trends in 30-Day Prevalence of Daily Use by Race/Ethnicity*

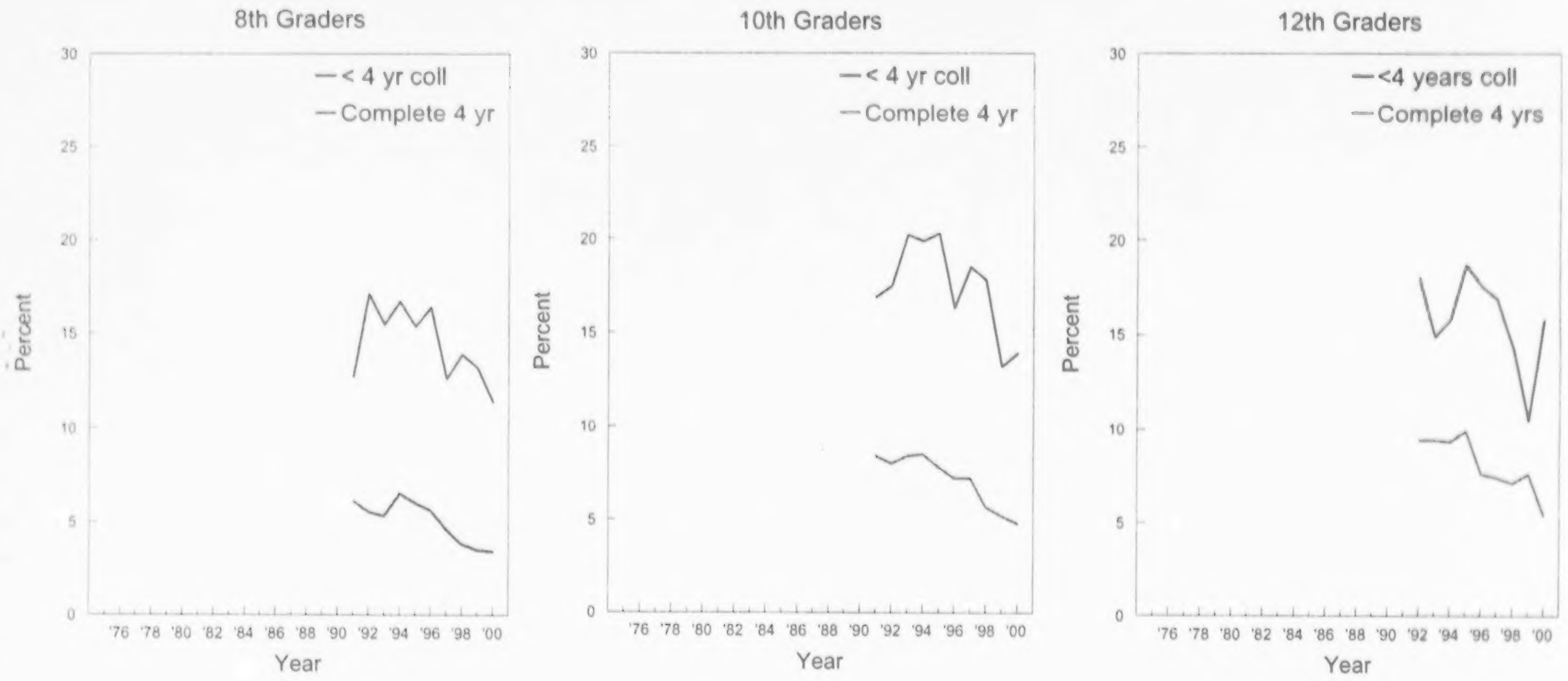


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

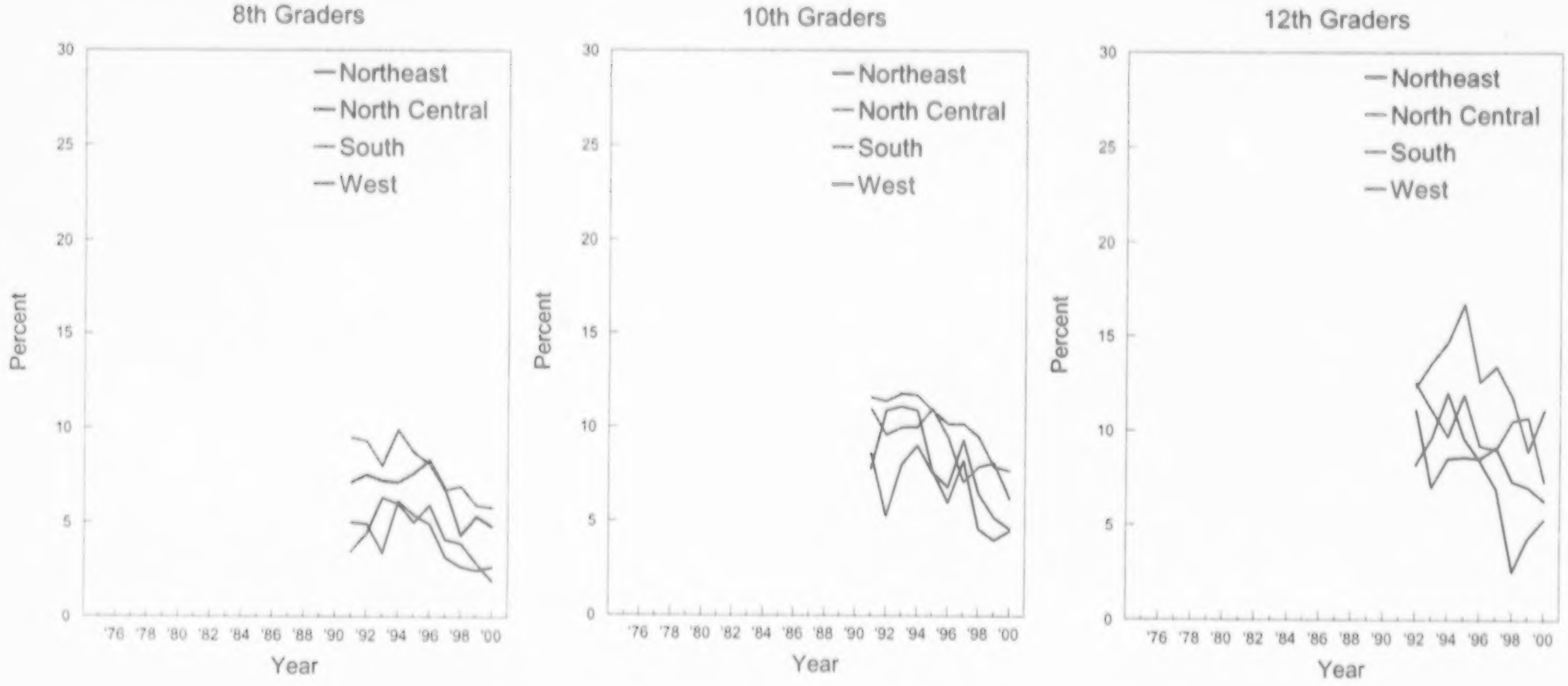
Smokeless Tobacco: Trends in 30-Day Prevalence by Gender



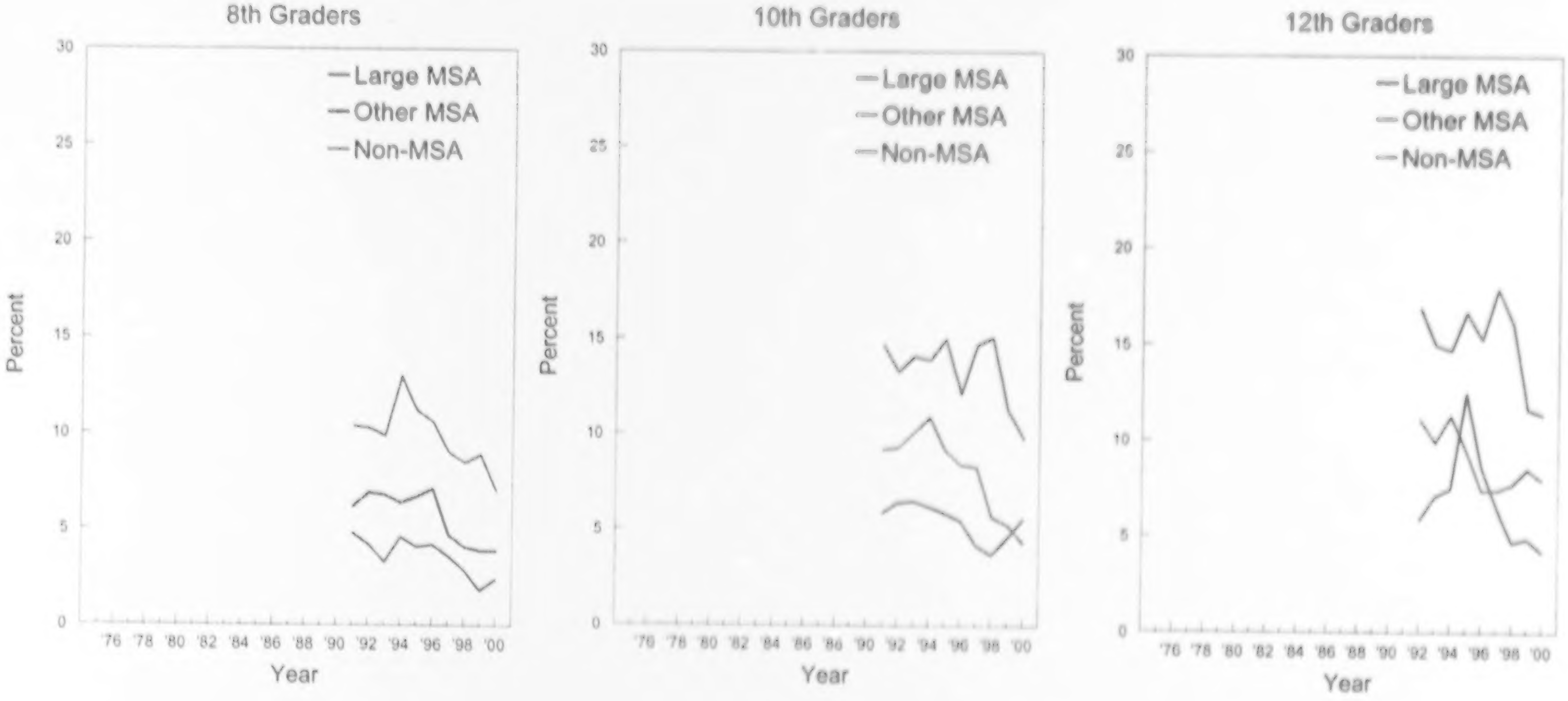
Smokeless Tobacco: Trends in 30-Day Prevalence by College Plans



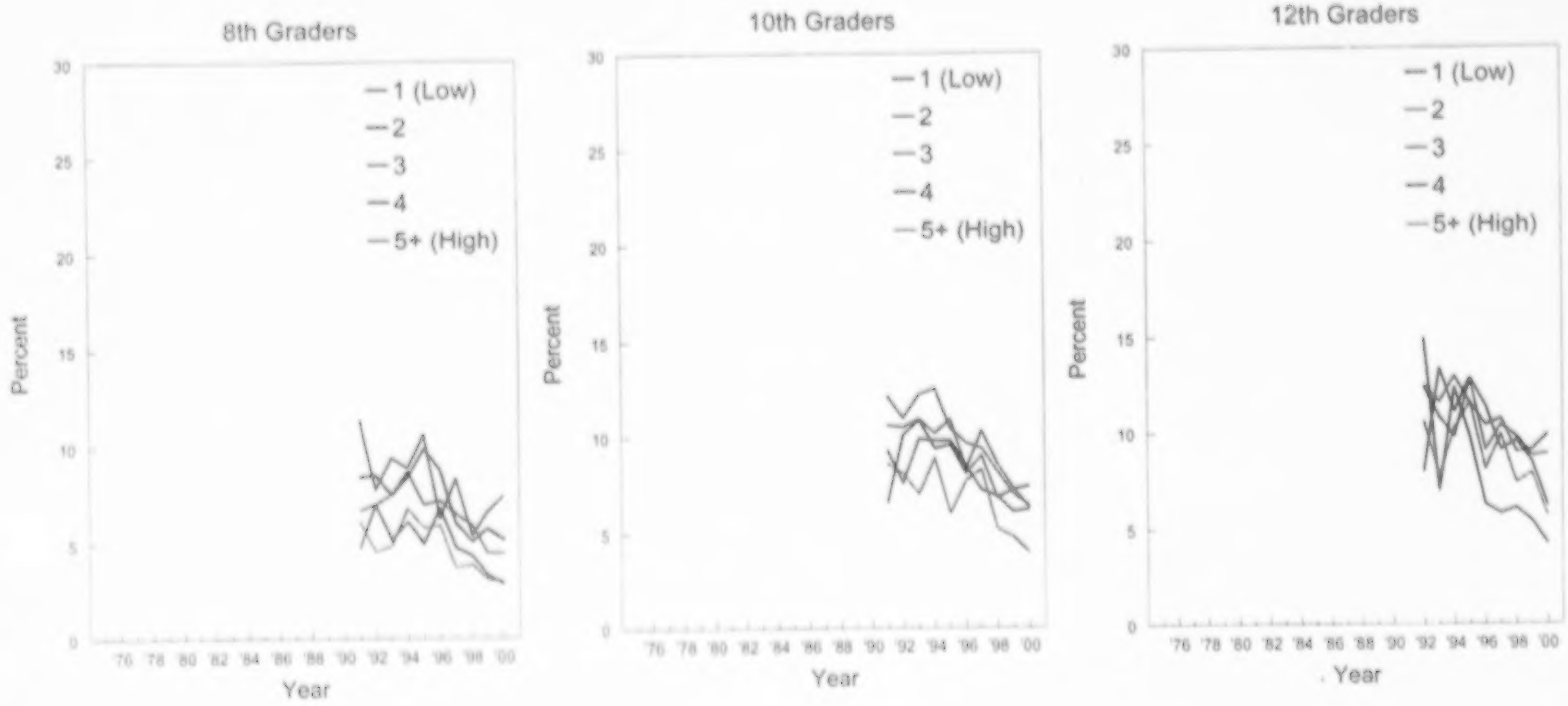
Smokeless Tobacco: Trends in 30-Day Prevalence by Region



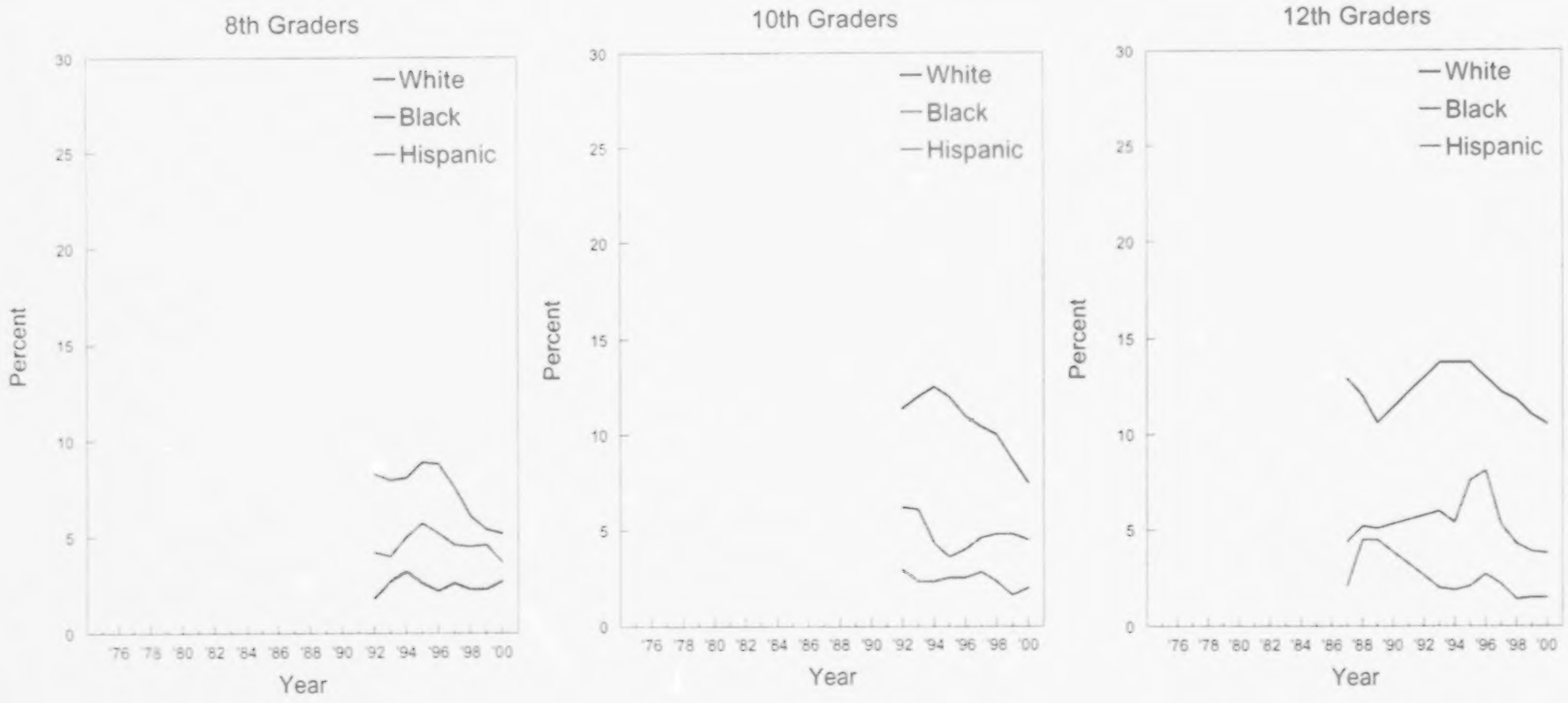
Smokeless Tobacco: Trends in 30-Day Prevalence by Population Density



Smokeless Tobacco: Trends in 30-Day Prevalence by Parents' Average Education

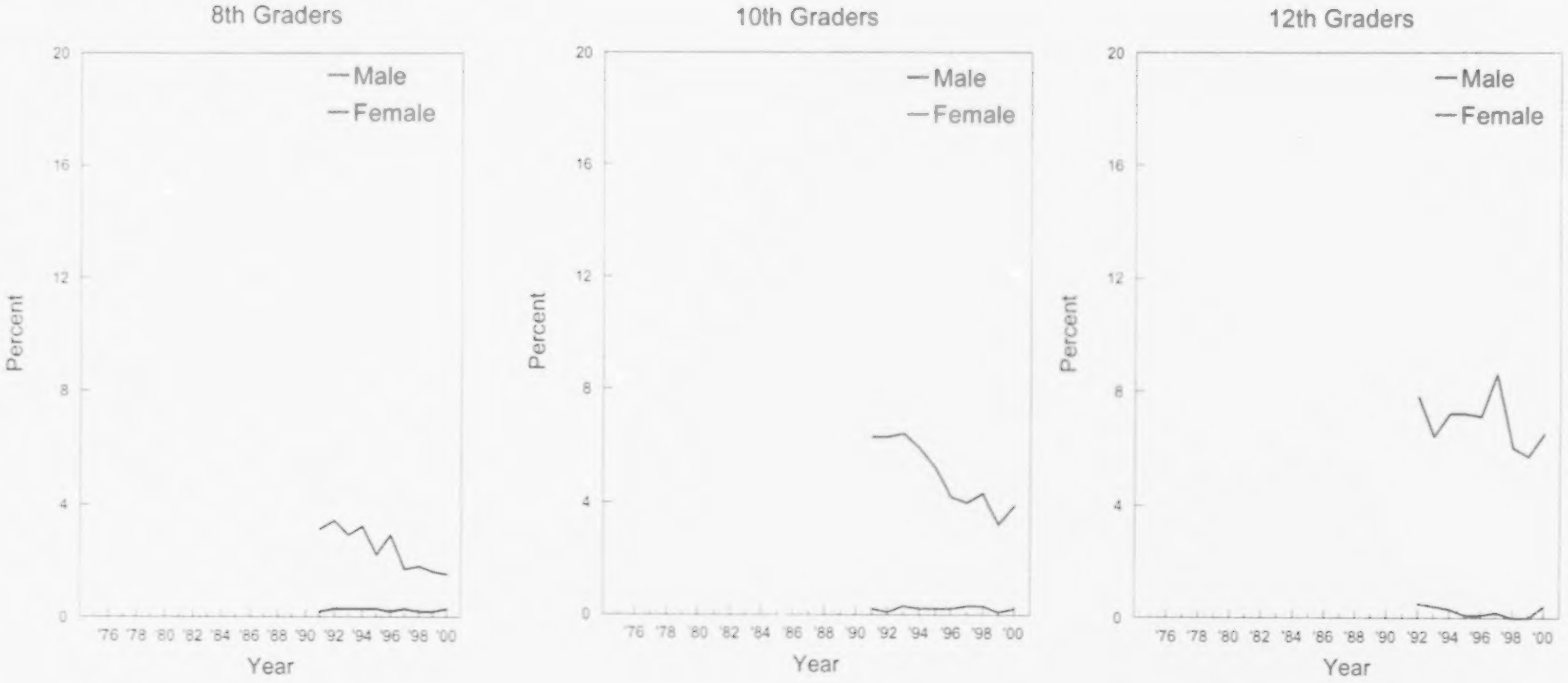


Smokeless Tobacco: Trends in 30-Day Prevalence by Race/Ethnicity*

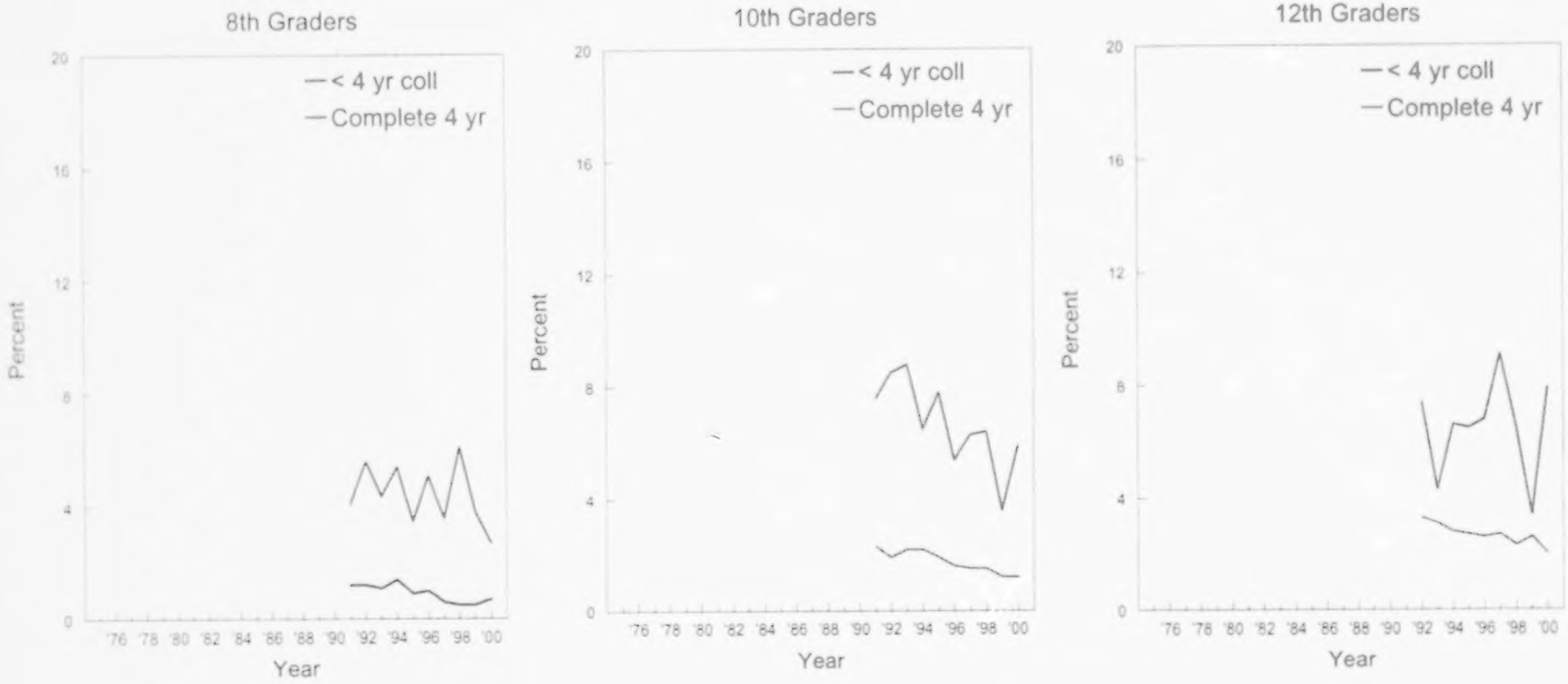


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

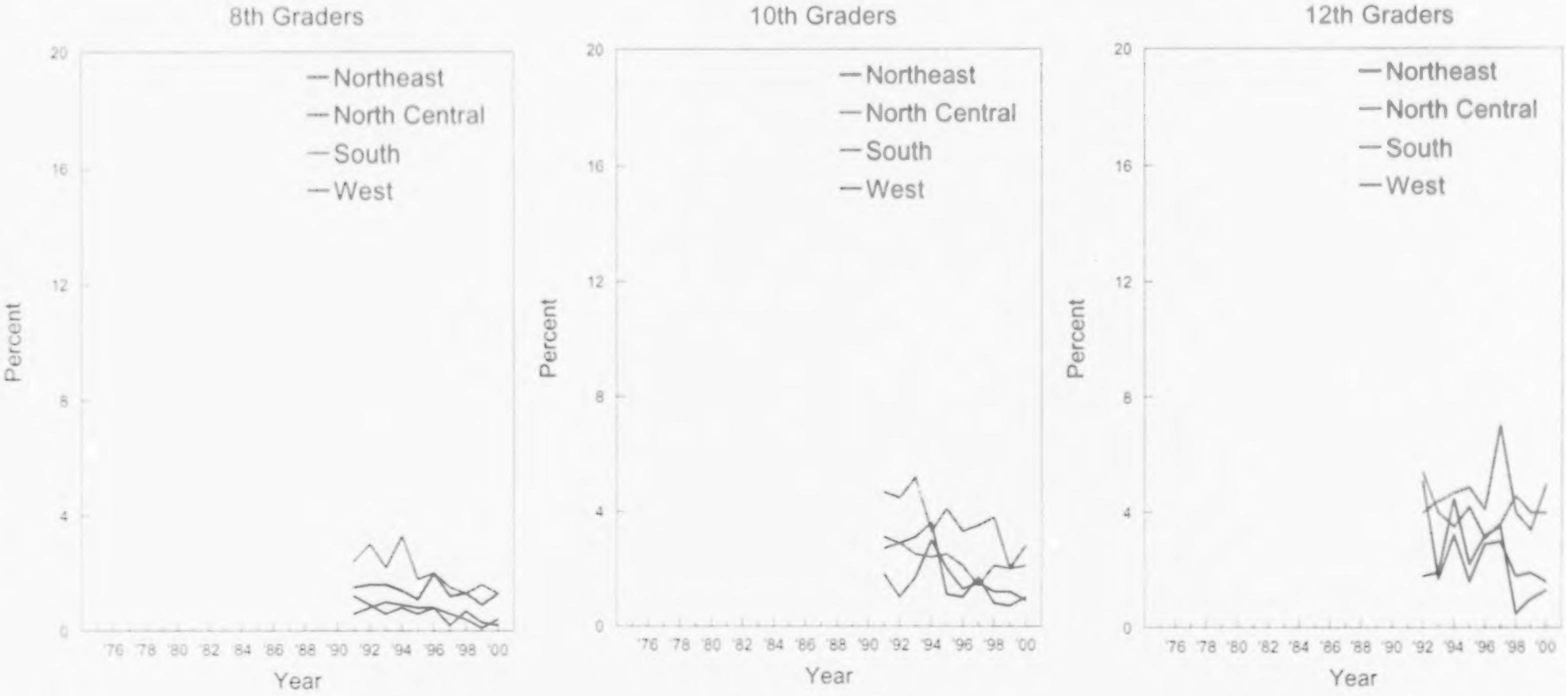
Smokeless Tobacco: Trends in Daily Prevalence by Gender



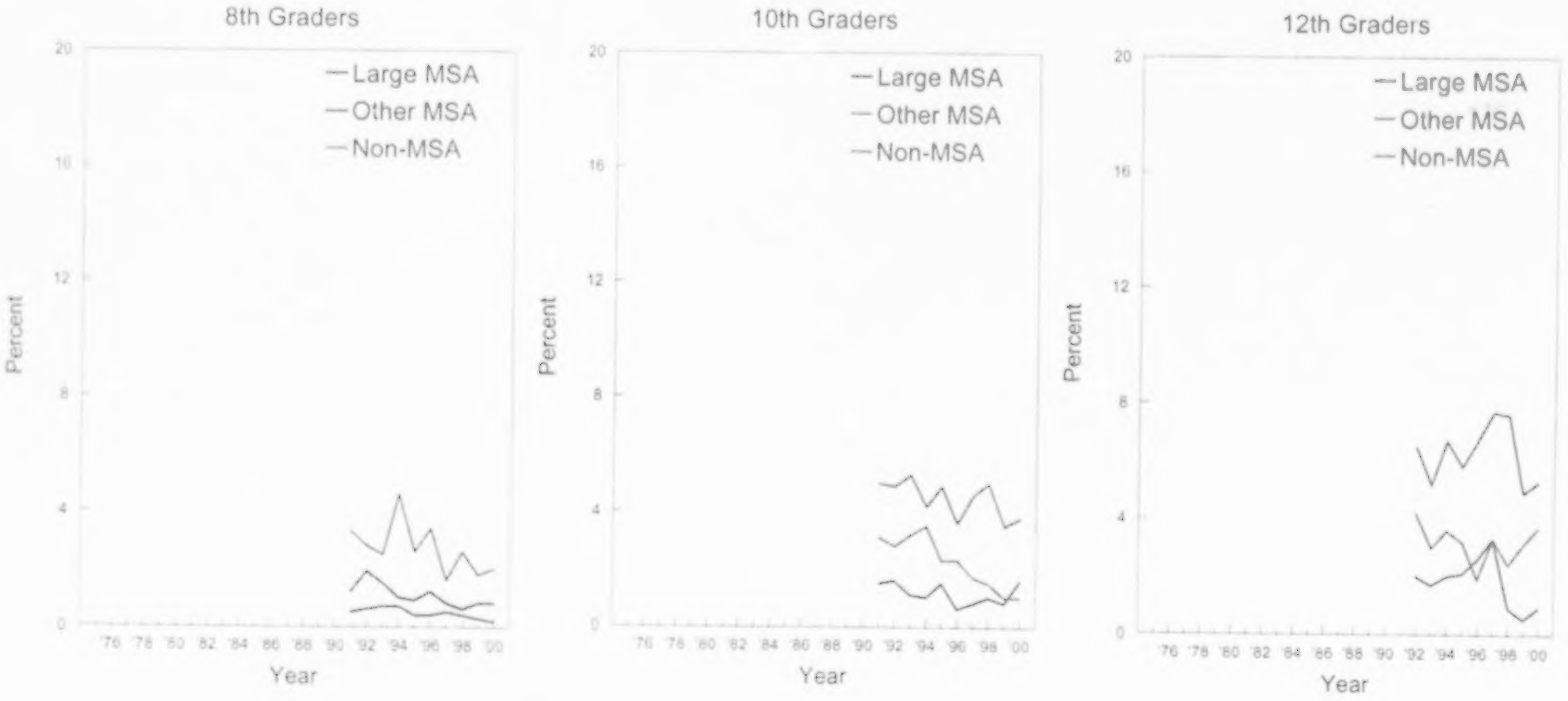
Smokeless Tobacco: Trends in Daily Prevalence by College Plans



Smokeless Tobacco: Trends in Daily Prevalence by Region



Smokeless Tobacco: Trends in Daily Prevalence by Population Density

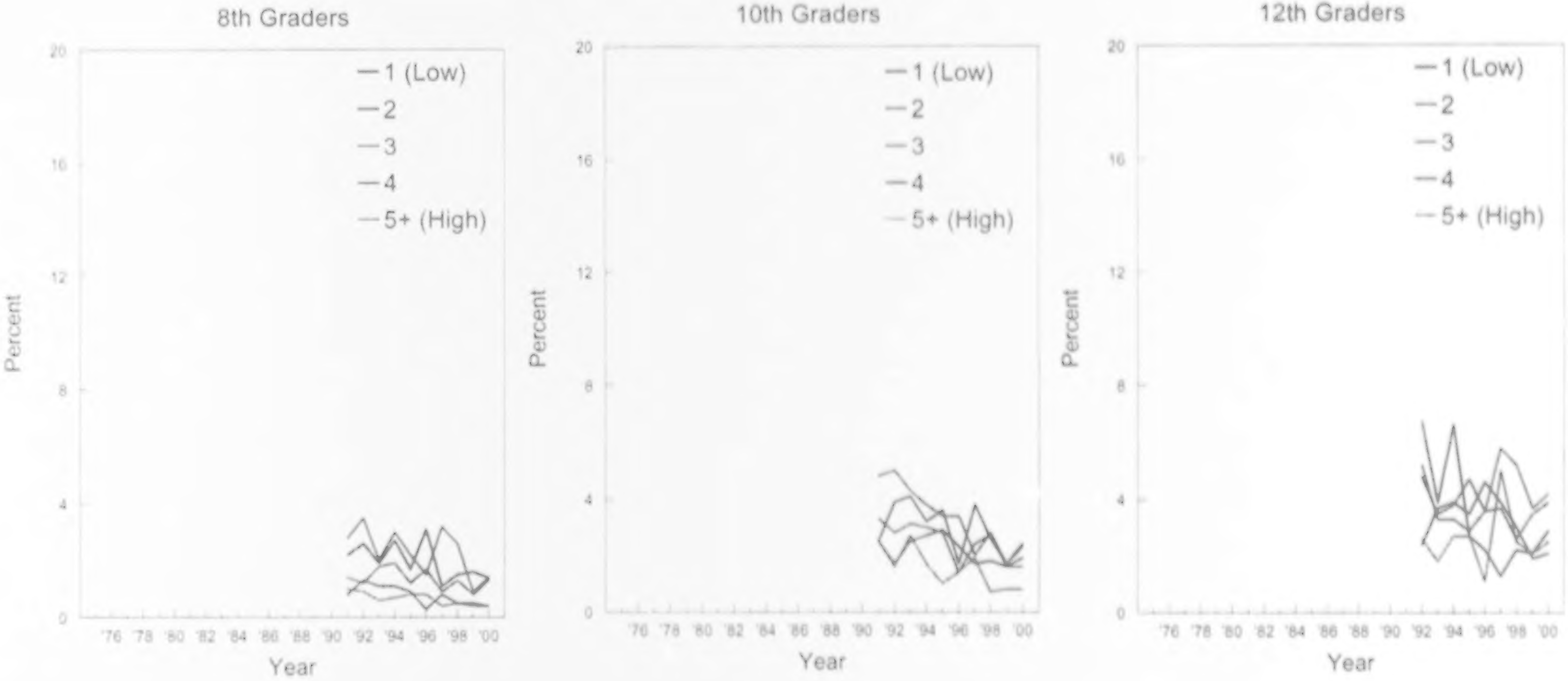


8th Graders

10th Graders

12th Graders

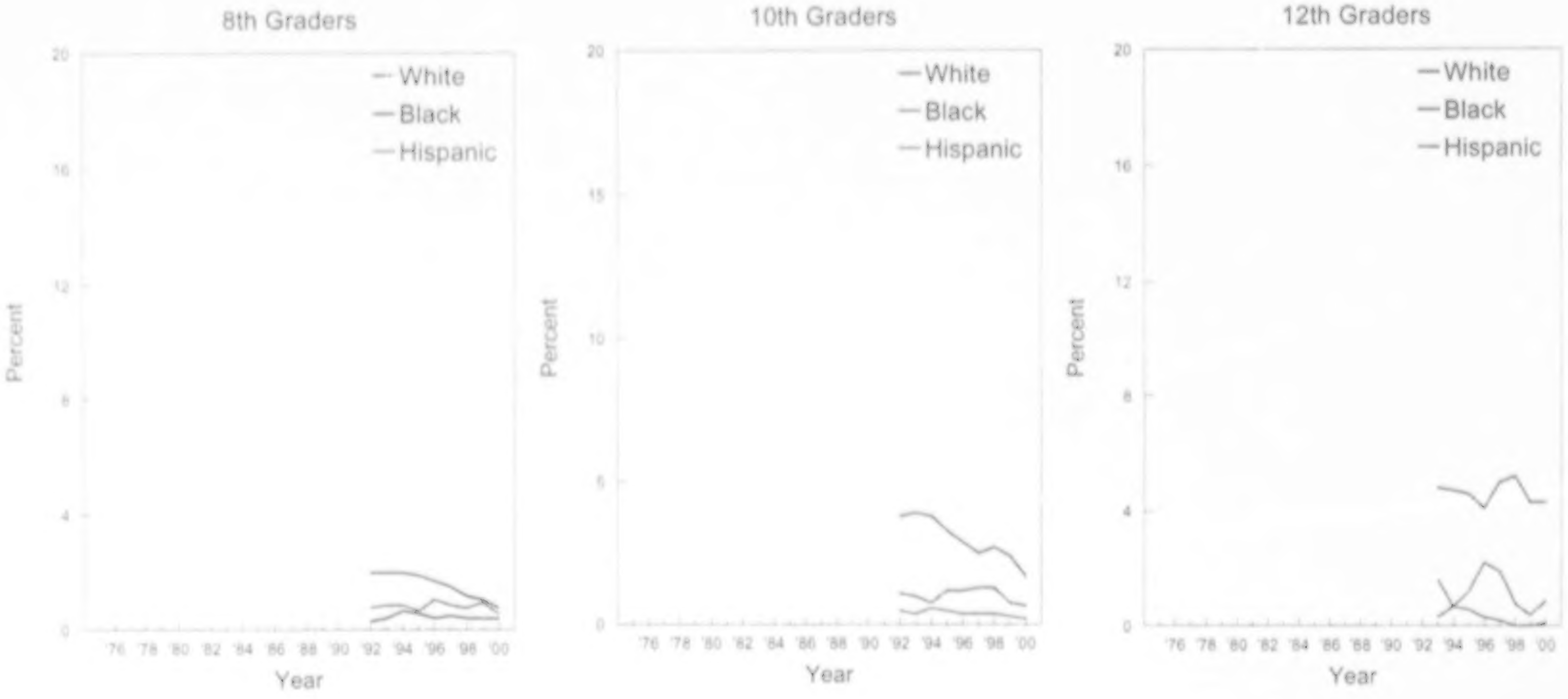
Smokeless Tobacco: Trends in Daily Prevalence by Parents' Average Education


8th Graders

10th Graders

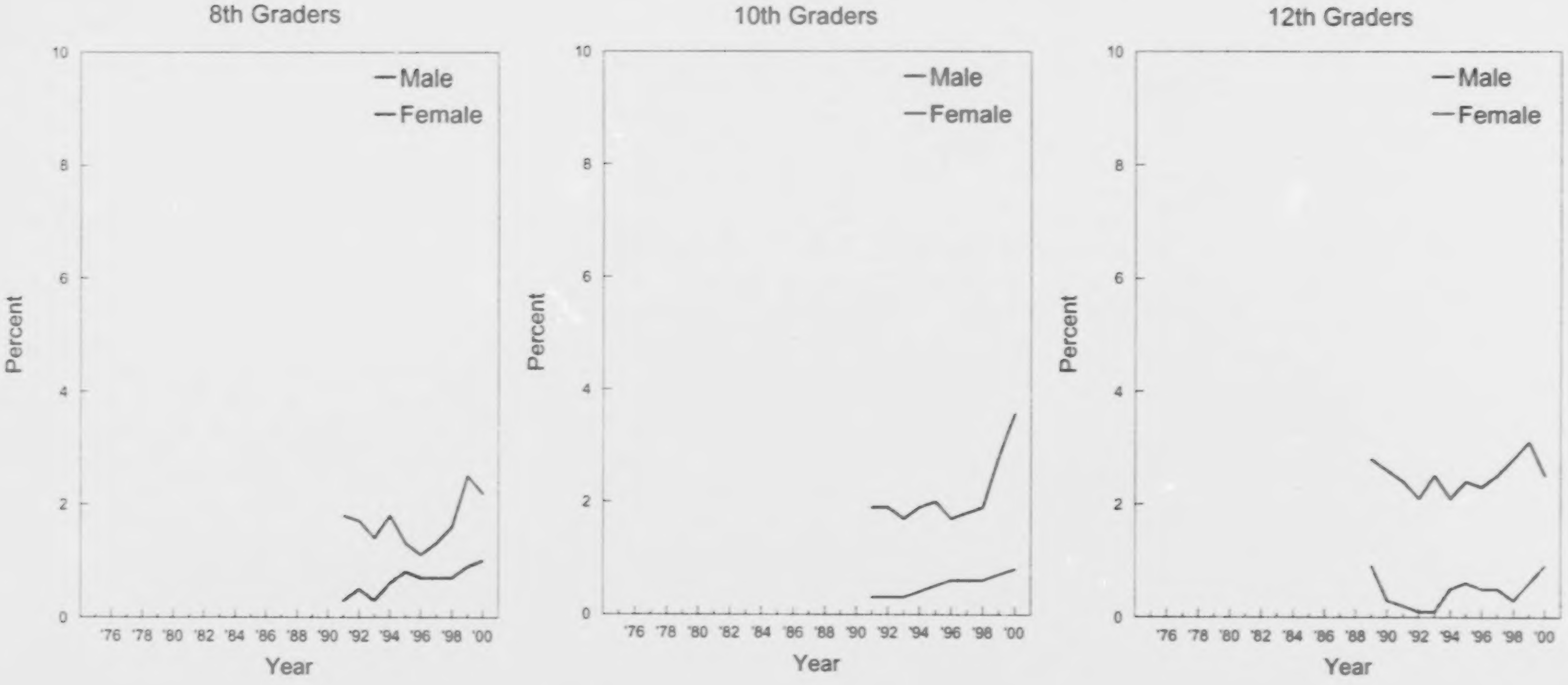
12th Graders

Smokeless Tobacco: Trends in Daily Prevalence by Race/Ethnicity*

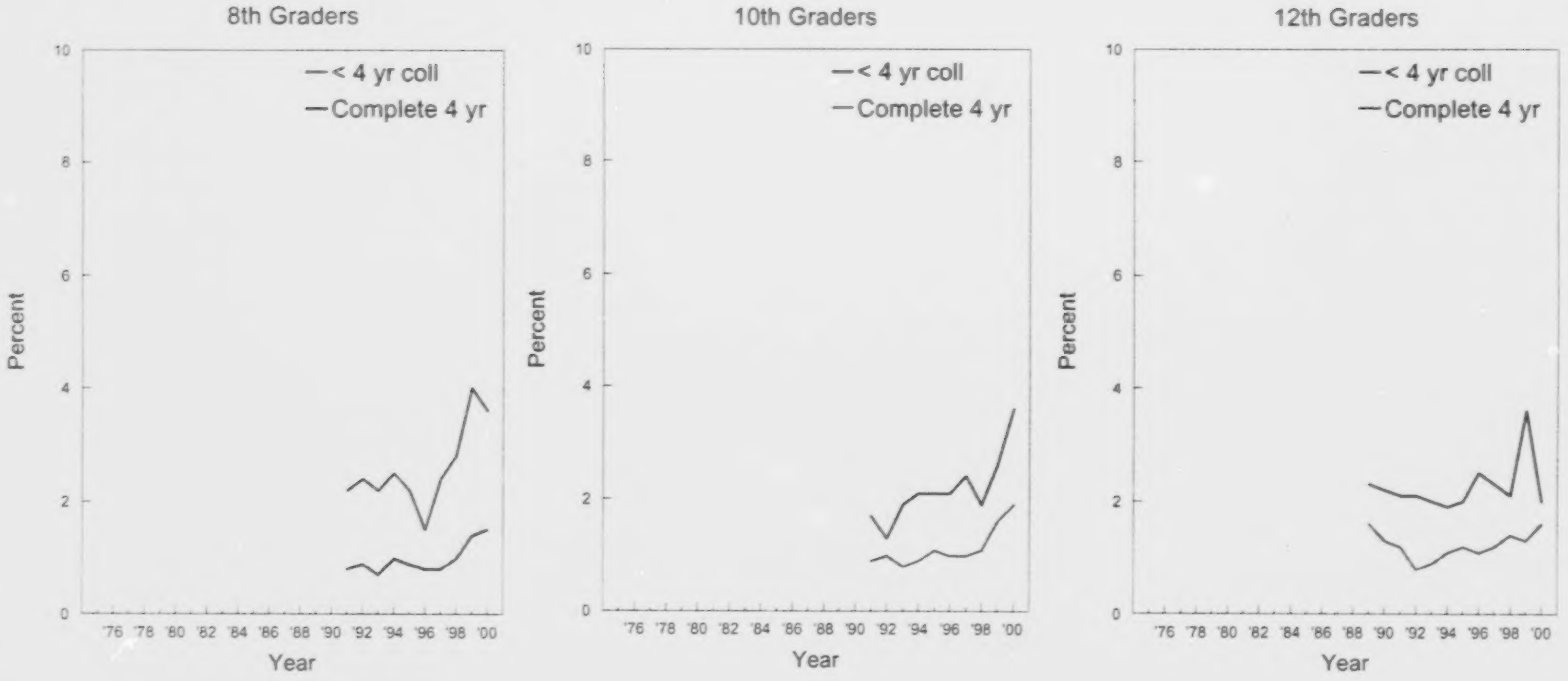


*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

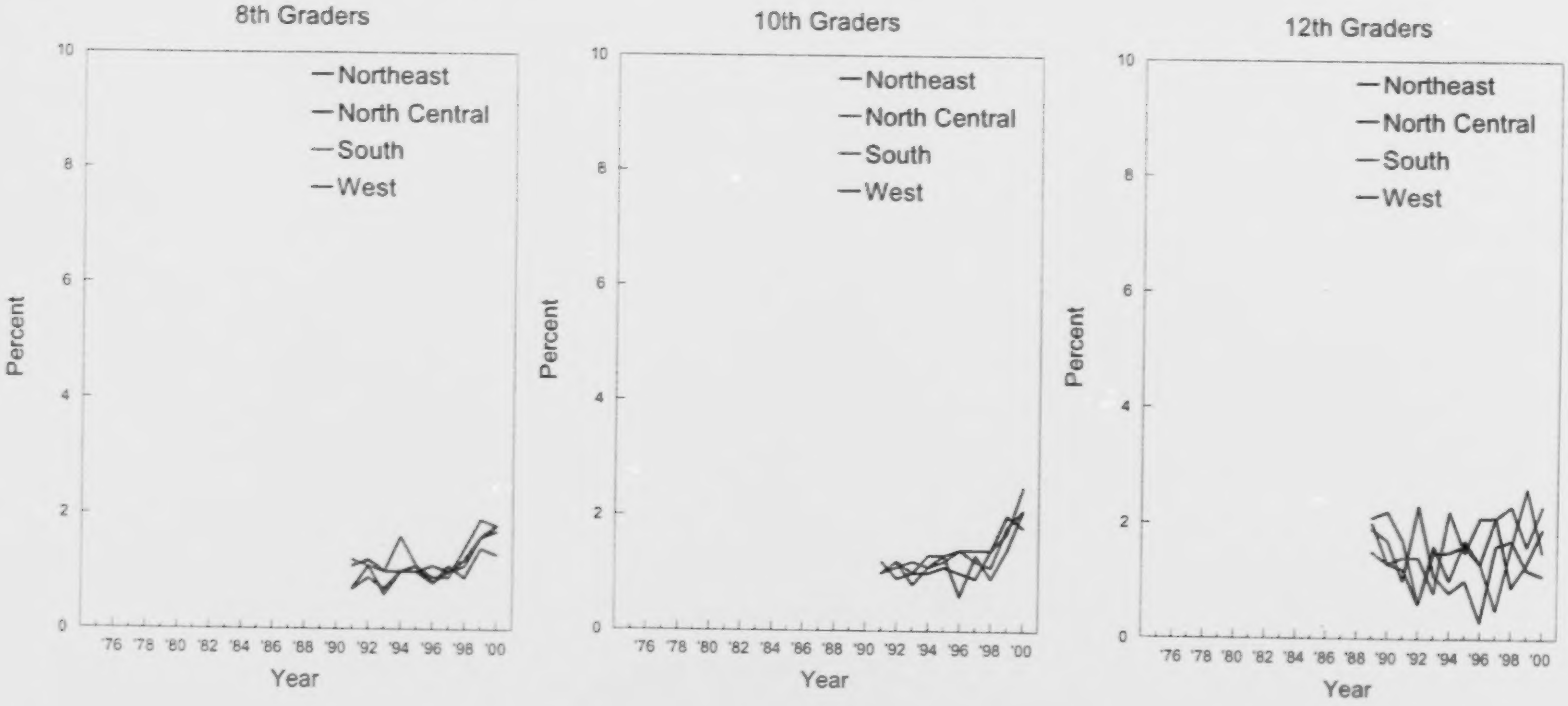
Steroids: Trends in Annual Prevalence by Gender



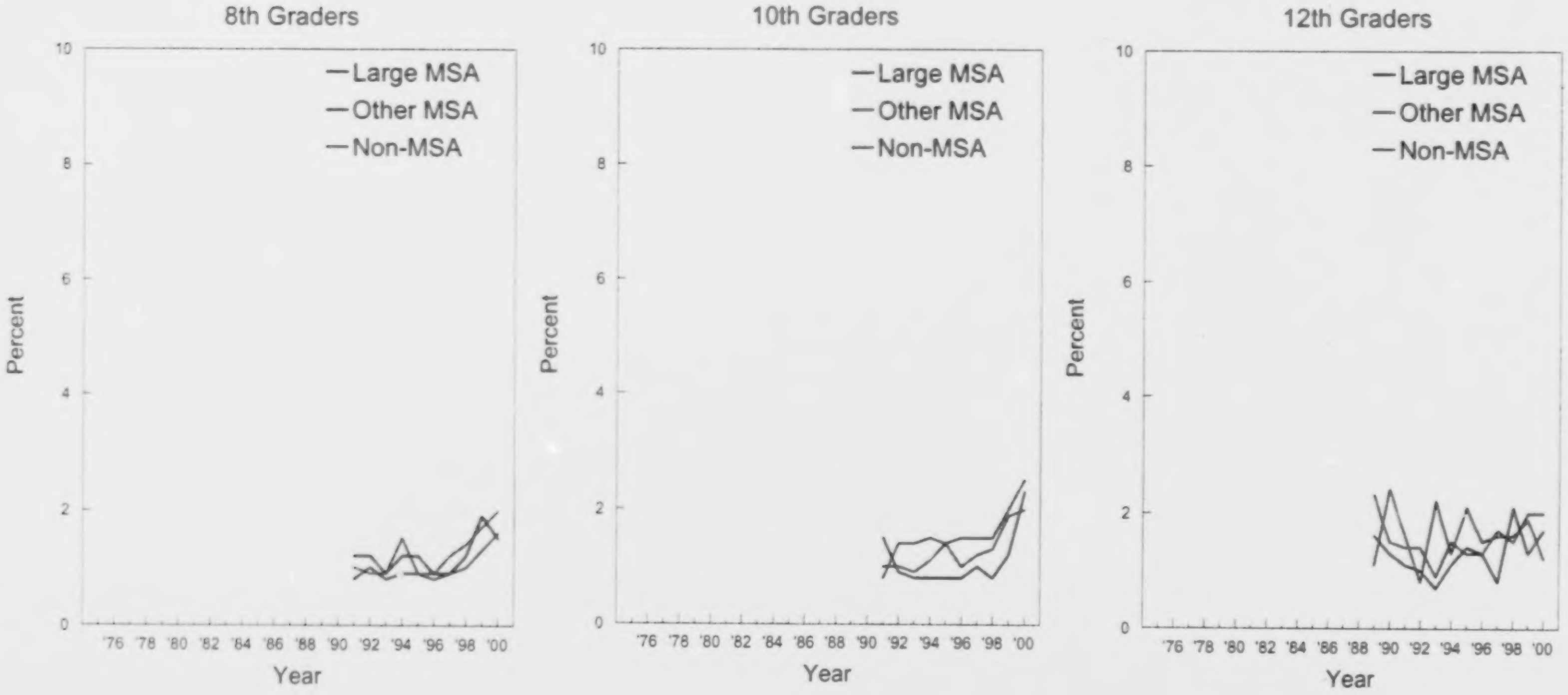
Steroids: Trends in Annual Prevalence by College Plans



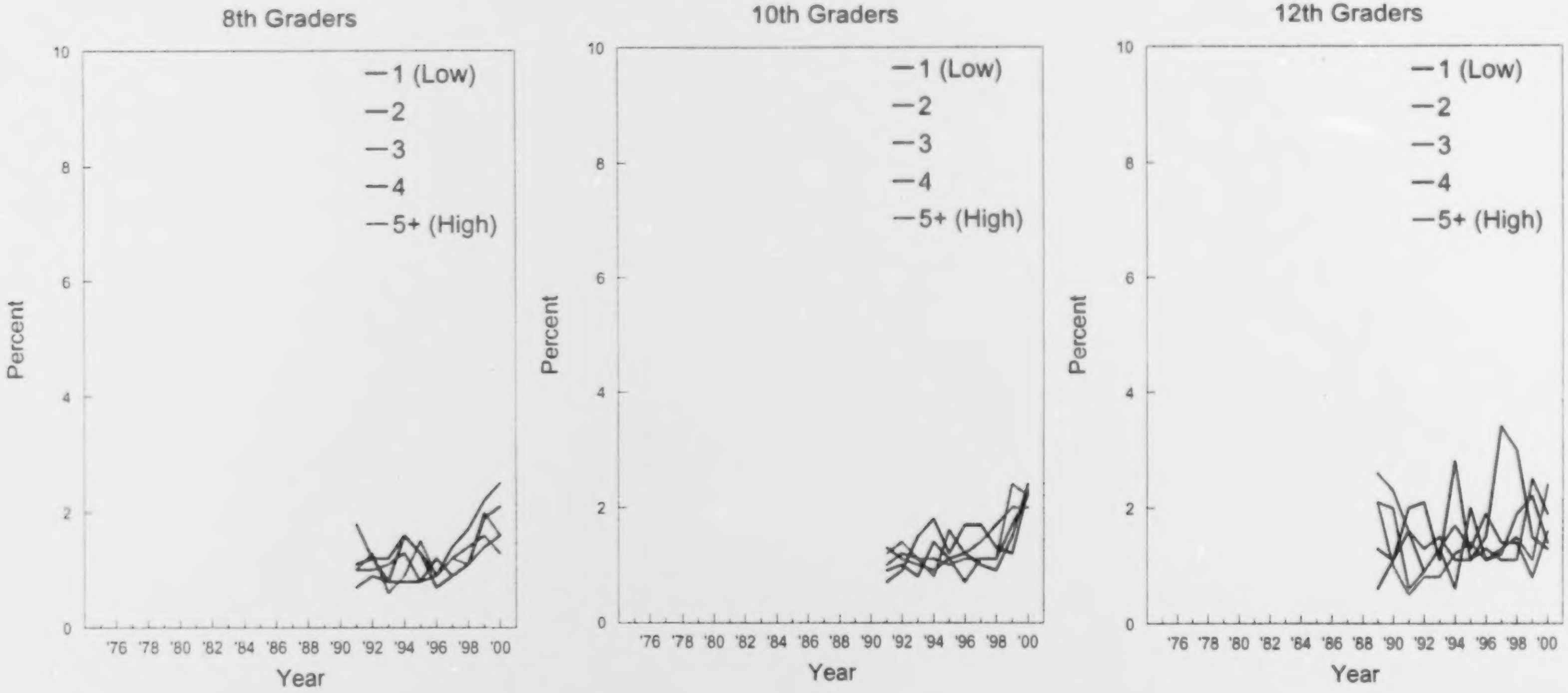
Steroids: Trends in Annual Prevalence by Region



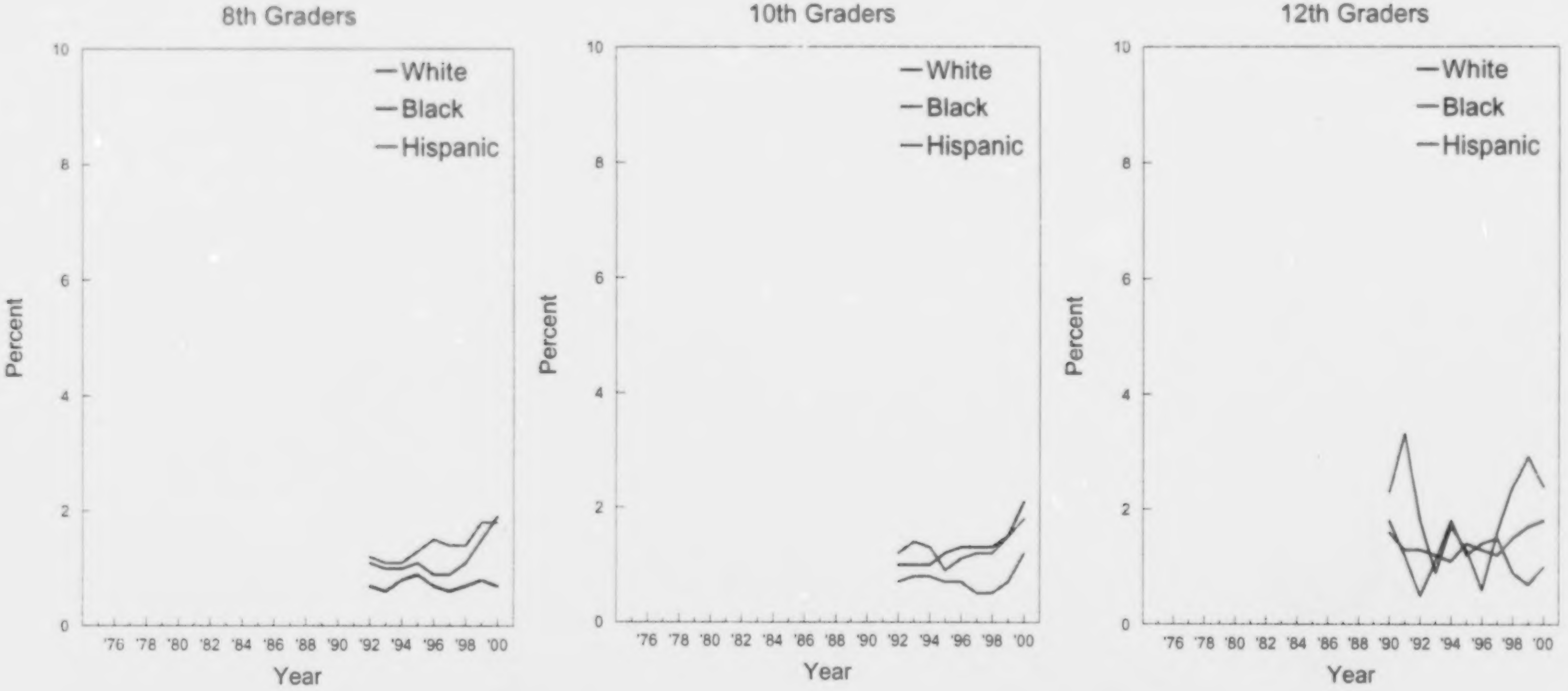
Steroids: Trends in Annual Prevalence by Population Density



Steroids: Trends in Annual Prevalence by Parents' Average Education



Steroids: Trends in Annual Prevalence by Race/Ethnicity*



*NOTE: These graphs contain two-year moving averages (i.e. the mean of the observation in the indicated year plus the corresponding observation from the previous year).

Appendix B

DEFINITION OF BACKGROUND AND DEMOGRAPHIC SUBGROUPS

Throughout this volume, data are presented for the total sample of eighth, tenth, and twelfth graders. Data are also presented for many subgroups of students. The following are brief descriptions of the background and demographic subgroups used in this volume. (Note: All case counts provided in the tables are based on weighted Ns.)

Total:	The total sample of respondents in a given year of the study.
Gender:	*Male and female.* Respondents with missing data on the question asking the respondent's gender are omitted from the data presented by gender.
College Plans:	Respondents not answering the college plans question are omitted from both groupings. College plans groupings are defined as follows: *None or under 4 years.* Respondents who indicate they "definitely won't" or "probably won't" graduate from a four-year college program. (Note that, among those who do not expect to complete a four-year college program, a number still expect to get some postsecondary education.) *Complete 4 years.* Respondents who indicate they "definitely will" or "probably will" graduate from a four-year college program.
Region:	Region of the country in which the respondent's school is located, as determined by the Survey Research Center's Sampling Section. There are four mutually exclusive regions of the country based on Census categories, defined as follows: *Northeast.* Census classifications of New England and Middle Atlantic states include: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania. *North Central.* Census classifications of East North Central and West North Central states include: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

South. Census classifications of South Atlantic, East South Central, and West South Central states include: Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.

West. Census classifications of Mountain and Pacific states include: Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Population Density: Population density of the area in which the schools are located. There are three mutually exclusive groups that have been variously defined, as described below. (The 1975-1985 samples were based on the 1970 Census; in 1986 one-half of the sample was based on the 1970 Census, the other half of the sample was based on the 1980 Census; in 1987 through 1993 the samples were based on the 1980 Census; in 1994 half of the sample was based on the 1980 Census and half on the 1990 Census; and after 1994, all samples were based on the 1990 Census.) The three levels of population density were defined in terms of Standard Metropolitan Statistical Area (SMSAs) designations through 1985, when we changed to the new Census Bureau classifications of Metropolitan Statistical Areas (MSAs), as is described below:

Large MSAs. In the 1975-1985 samples these were the twelve largest Standard Metropolitan Statistical Areas (SMSA) as of the 1970 Census: New York, Los Angeles, Chicago, Philadelphia, Detroit, San Francisco, Washington, Boston, Pittsburgh, St. Louis, Baltimore, and Cleveland. From 1986 to 1994, the "large MSA" group consisted of the 16 largest MSAs as of the 1980 Census. These 16 MSAs include all of the MSAs mentioned above (except Cleveland) plus the MSAs of Dallas-Fort Worth, Houston, Nassau-Suffolk, Minneapolis-St. Paul, and Atlanta.

Beginning with the first-year schools in 1994, the new sample design was developed, based on the 1990 Census. In the 1990s sample only the 8 largest MSAs are represented with certainty at all three grade levels; the 16 next largest MSAs are divided into pairs, with half randomly assigned to the twelfth- and eighth-grade samples and the other half assigned to the 10th-grade sample. (The purpose of this split was to reduce the study's burden on each MSA. Since the tenth- and eighth-grade samples both require high schools, they were intentionally divided.) The 8 largest MSAs are New York-NJ, Los Angeles, Chicago, Philadelphia PA-NJ, Detroit, Washington DC-MD-VA, Dallas-Ft. Worth, and Boston. The next 16 largest MSAs are: Houston, Atlanta, Seattle-Tacoma, Minneapolis MN-WI, St. Louis MO-IL, San Diego, Baltimore, Pittsburgh, Phoenix, Oakland, Cleveland, Miami-Hialeah, Newark, Denver, San Francisco, Kansas City MO-KS.

Other MSAs. Includes all other Metropolitan Statistical Areas (MSAs), as defined by the Census, except those listed above. Except in the New England states, an MSA is a county or group of contiguous counties that contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In the New England states MSAs consisted of towns and cities, instead of counties, until 1994, after which New England Consolidated Metropolitan Areas (NECMAs) were used to define MSAs. Each MSA must include at least one central city, and the complete title of an MSA identifies the central city or cities. For the complete description of the criteria used in defining MSAs, see the Office of Management and Budget publication, *Metropolitan Statistical Areas, 1990* (NTIS-PB90-214420), Washington, D.C. The population living in MSAs is designated as the metropolitan population.

Non-MSAs. Includes all areas not designated as Metropolitan Statistical Areas (MSAs)—in other words, they do not contain a town of at least 50,000 population. The population living outside MSAs constitutes the nonmetropolitan population.

Parental Education: This is an average of mother's education and father's education based on the respondent's answers about the highest level of education achieved by each parent, using the following scale: (1) completed grade school or less, (2) some high school, (3) completed high school, (4) some college, (5) completed college, (6) graduate or professional school after college. Missing data was allowed on one of the two variables. The respondent is instructed, "If you were raised mostly by foster parents, stepparents, or others, answer for them. For example, if you have both a stepfather and a natural father, answer for the one that was most important in raising you."

Race/ Ethnicity: A general question asks, "How do you describe yourself?"

White. Includes those respondents who describe themselves as White or Caucasian.

Black. Includes those respondents who in 1975-1990 describe themselves as Black or Afro-American or who, after 1990, describe themselves as Black or African American.

Hispanic. Includes those respondents who in 1975-1990 describe themselves as Mexican American or Chicano, or Puerto Rican or other Latin American. After 1990 this group includes those respondents who describe themselves as Mexican American or Chicano, or Cuban American, or Puerto Rican American, or other Latin American. After 1994, the term Puerto Rican American was shortened to Puerto Rican.

Appendix D

SUPPLEMENTAL TABLES FOR SECONDARY SCHOOL STUDENTS: TRENDS BY SUBGROUP

Trend data for the population subgroups discussed in this volume (defined by gender, college plans, region, community size, level of parental education, and racial/ethnic distinctions) are presented below for the major classes of licit and illicit drugs. Due to the sheer quantity of information such trend tables generate, we have selected the prevalence periods that seem most useful for understanding differences by subgroup. For most drugs, the trends are given only for annual prevalence. Other prevalence rates are provided for alcohol, cigarettes, and smokeless tobacco.

The subgroups are the standard ones used throughout this volume and are operationally defined in Appendix B. The reader should note that *two-year moving averages* are given for the three racial/ethnic groups described, in order to damp down random fluctuations in the trends for the minority groups, particularly among Hispanics. A footnote in each table describes the procedure.

For nearly all drugs there is one table presenting the subgroup trends for eighth- and tenth-grade students and a second table giving the longer-term trends for twelfth-grade students. However, for two of the drugs—barbiturates and narcotics other than heroin—the eighth- and tenth-grade data have been omitted, as they are throughout the volume, because we are less certain about the validity of the answers provided by the younger students. Specifically, we believe that they often fail to omit substances that should be omitted (i.e., non-prescription substances). A few other drugs are simply not asked of eighth and tenth graders; thus only twelfth-grade tables are presented.

Sample sizes should be taken into account when interpreting the importance of any changes observed, of course. They are provided in the last two pages of the appendix. However, the reader should be aware that the numbers given assume that all respondents were asked about the drug. Some of the drugs were not contained in all questionnaire forms, meaning that the subgroup and total Ns must be adjusted accordingly. The "Notes" section of the bottom of each table will indicate if only a fraction of the sample received the question.

Graphic presentations of most of the trends presented in these tables for the various demographic subgroups may be found on the study's Web site (www.monitoringthefuture.org) under "Publications" in Occasional Paper No. 53.[1]

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[1] Johnston, L. D., O'Malley, P. M., and Bachman, J. G. (2001). *Demographic subgroup trends for various licit and illicit drugs.* (Monitoring the Future Occasional Paper No. 53). Ann Arbor, MI: Institute for Social Research.

Tables D-1-59. Trends in Prevalence of Use by Subgroups

D-1. Annual Use of Any Illicit Drug, Eighth and Tenth Graders
D-2. Annual Use of Any Illicit Drug, Twelfth Graders
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D-5. Annual Use of Marijuana, Eighth and Tenth Graders
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D-44. Two-Week Prevalence of Five or More Drinks in a Row, Eighth and Tenth Graders
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D-51. 30-Day Prevalence of Half-Pack a Day or More of Cigarettes, Twelfth Graders
D-52. 30-Day Prevalence of Use of Smokeless Tobacco, Eighth and Tenth Graders
D-53. 30-Day Prevalence of Use of Smokeless Tobacco, Twelfth Graders
D-54. 30-Day Prevalence of Daily Use of Smokeless Tobacco, Eighth and Tenth Graders
D-55. 30-Day Prevalence of Daily Use of Smokeless Tobacco, Twelfth Graders
D-56. Annual Prevalence of Steroids, Eighth and Tenth Graders
D-57. Annual Prevalence of Steroids, Twelfth Graders
D-58. Approximate Weighted Numbers of Cases by Subgroups, Eighth and Tenth Graders
D-59. Approximate Weighted Numbers of Cases by Subgroups, Twelfth Graders

TABLE D-1
Any Illicit Drug[a]: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	11.3	12.9	15.1	18.5	21.4	23.6	22.1	21.0	20.5	19.5	-1.1	21.4	20.4	24.7	30.0	33.3	37.5	38.5	35.0	35.9	36.4	+0.5
Gender:																						
Male	11.7	11.9	15.2	19.4	22.3	23.6	22.6	21.3	21.3	19.7	-1.7	21.6	20.4	25.1	31.8	33.7	38.8	40.1	35.3	37.0	39.4	+2.4
Female	11.0	13.6	14.9	17.6	20.2	23.3	21.3	20.4	19.7	19.0	-0.7	21.1	20.1	24.0	28.0	32.5	36.3	36.8	34.7	34.6	33.5	-1.1
College Plans:																						
None or under 4 yrs.	22.8	25.6	30.7	34.6	38.4	40.3	39.6	41.3	39.9	38.9	-0.9	32.7	32.0	37.7	43.2	47.3	52.4	55.2	50.5	51.8	53.5	+1.8
Complete 4 yrs.	9.5	10.9	12.8	16.3	19.1	21.0	19.9	18.4	18.0	17.1	-0.9	18.9	17.8	21.9	27.0	30.8	35.0	35.7	32.2	33.2	33.9	+0.7
Region:																						
Northeast	9.3	10.6	11.5	16.6	17.9	20.3	20.2	16.0	18.2	16.6	-1.5	21.8	19.0	26.9	29.6	32.4	37.7	37.8	39.0	38.2	34.0	-4.2
North Central	11.2	13.0	13.9	17.2	23.3	24.7	22.3	21.9	22.6	20.6	-2.0	21.7	20.7	22.4	28.5	32.1	37.6	37.7	32.0	35.2	34.8	-0.4
South	11.5	12.9	15.1	17.6	20.8	22.5	21.6	22.3	21.0	19.2	-1.8	19.2	17.9	23.3	29.2	33.2	37.9	38.7	35.1	34.8	36.0	+1.1
West	13.3	15.0	21.1	23.7	23.3	27.1	24.4	22.0	19.2	21.0	+1.7	23.7	25.5	28.9	34.4	36.1	36.8	40.2	34.5	36.0	41.6	+5.7s
Population Density:																						
Large MSA	10.5	12.0	13.1	16.2	15.2	23.4	20.5	19.8	19.1	18.1	-1.0	21.4	19.9	24.0	29.4	28.7	35.5	37.2	32.6	35.0	36.5	+1.6
Other MSA	12.1	14.4	17.3	21.5	23.7	24.9	22.6	21.4	19.5	18.8	-0.8	22.0	20.8	25.1	32.7	35.5	40.0	40.0	36.9	37.3	36.6	-0.7
Non-MSA	10.8	11.2	12.9	14.0	20.3	21.4	22.9	21.6	24.3	22.7	-1.5	20.4	20.1	24.4	24.7	30.7	35.1	37.2	34.5	33.9	35.8	+1.9
Parental Education:[b]																						
1.0-2.0 (Low)	19.5	18.5	20.8	26.1	29.8	26.7	29.5	30.4	30.2	30.9	+0.7	25.5	24.8	29.2	32.6	38.2	39.5	38.3	36.6	42.2	42.4	+0.2
2.5-3.0	11.7	14.1	17.1	20.2	24.3	25.7	25.5	24.2	24.9	23.9	-1.0	23.0	21.3	25.4	31.1	37.1	39.1	40.8	39.1	39.4	39.2	-0.2
3.5-4.0	11.6	13.6	15.4	19.7	23.4	26.2	23.8	21.8	21.0	20.1	-0.9	21.2	20.6	24.9	30.5	34.7	40.1	41.6	35.6	35.4	39.5	+4.1s
4.5-5.0	8.7	10.2	12.8	15.7	17.4	21.3	19.3	17.8	15.6	14.6	-1.0	19.4	18.7	22.5	28.1	30.9	35.5	36.3	31.9	32.8	32.6	-0.3
5.5-6.0 (High)	10.2	10.1	11.8	14.9	17.7	19.8	16.8	17.1	15.8	15.0	-0.8	21.1	18.5	23.6	27.2	26.6	33.6	33.7	31.5	34.6	31.3	-3.3
Race (2-year average):[c]																						
White	—	11.8	13.6	15.7	19.2	22.4	23.0	21.5	19.9	19.1	-0.8	—	22.4	23.7	27.9	32.6	36.5	39.3	38.2	36.4	36.9	+0.5
Black	—	7.9	9.3	13.0	15.8	17.5	18.1	18.1	18.6	18.3	-0.3	—	10.8	11.9	18.5	23.6	27.3	30.2	28.9	28.4	29.7	+1.3
Hispanic	—	18.1	20.6	24.6	26.7	26.9	26.5	26.7	27.4	25.1	-2.3	—	23.6	26.3	30.3	34.3	40.0	41.3	38.1	38.4	39.3	+0.9

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and barbiturates has been excluded, because 8th and 10th graders appear to over-report their use (perhaps because they include the use of nonprescription drugs in their answers).

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-2

Any Illicit Drug[a,b] Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	45.0	48.1	51.1	53.8	54.2	53.1	52.1	49.4	47.4	45.8	46.3	44.3	41.7	38.5	35.4	32.5	29.4	27.1	31.0	35.8	39.0	40.2	42.4	41.4	42.1	40.9	-1.2
Gender:																											
Male	49.0	52.6	55.4	58.6	58.1	56.0	53.6	51.8	49.7	48.0	48.3	45.7	43.2	40.6	37.7	34.3	32.1	29.0	33.5	38.6	41.5	43.4	44.1	45.2	45.0	43.4	-1.6
Female	41.4	43.0	46.7	48.7	50.1	49.8	50.8	46.3	44.4	42.8	43.8	42.3	39.7	36.1	32.8	30.1	26.2	24.7	27.9	32.7	35.8	36.2	40.0	37.2	38.9	38.0	-0.9
College Plans:																											
None or under 4 yrs.	—	50.6	54.3	55.5	56.8	56.5	55.8	53.4	50.8	50.3	50.1	48.6	46.7	42.0	40.9	37.8	33.9	33.5	34.9	40.8	44.1	46.2	48.8	47.3	47.9	45.1	-2.7
Complete 4 yrs.	—	44.3	46.8	50.5	50.5	49.7	48.6	45.5	43.7	41.4	43.1	41.2	39.0	36.5	32.6	29.6	27.1	24.4	29.2	33.6	36.7	37.8	40.1	39.1	40.3	38.8	-1.5
Region:																											
Northeast	51.5	55.3	56.8	61.6	62.9	58.9	58.8	55.1	53.8	54.7	53.2	49.7	45.8	41.2	36.0	36.4	31.9	28.7	36.1	39.4	41.7	44.6	47.7	46.2	42.5	46.2	+3.7
North Central	45.5	47.6	51.9	54.6	55.0	53.1	53.4	50.3	46.9	42.4	45.7	45.0	42.7	39.7	38.7	34.0	31.3	27.8	30.8	36.5	40.9	40.9	40.6	38.1	42.1	38.9	-3.1
South	38.1	42.3	46.2	47.5	45.4	47.0	43.7	42.2	41.3	41.4	37.2	37.4	35.9	34.2	30.7	27.6	24.5	23.7	28.2	34.1	36.4	37.6	38.8	40.5	40.8	35.3	-5.5s
West	48.3	49.7	50.0	53.2	56.4	55.8	55.5	51.7	50.7	49.1	53.3	47.8	45.7	41.8	39.5	34.4	32.6	31.1	31.8	34.7	38.2	39.1	45.9	43.1	44.2	47.4	+3.2
Population Density:																											
Large MSA	54.5	54.6	56.3	60.3	61.3	59.9	57.8	54.8	52.0	49.7	49.9	48.0	43.9	39.1	32.9	32.6	28.6	26.8	32.9	36.4	41.7	41.3	42.1	42.0	42.4	41.1	-1.2
Other MSA	45.0	47.8	52.4	54.5	55.2	53.8	52.1	49.8	49.6	46.7	46.5	45.1	42.7	40.5	36.3	33.5	33.0	27.3	31.7	37.8	39.0	42.3	44.2	42.1	43.3	42.6	-0.7
Non-MSA	38.8	43.7	45.2	47.4	47.6	47.0	47.6	44.0	41.1	41.4	43.0	40.0	37.6	34.3	36.0	30.1	23.8	27.0	28.4	31.6	35.9	35.4	39.2	39.3	39.9	37.5	-2.4
Parental Education:[c]																											
1.0-2.0 (Low)	—	43.4	45.3	47.7	50.2	49.5	48.1	44.3	45.1	42.7	42.8	38.1	35.4	35.8	28.4	26.6	28.7	27.7	29.5	32.9	37.7	36.6	40.3	38.9	40.9	41.3	+0.4
2.5-3.0	—	49.2	51.8	53.3	53.2	53.0	51.2	48.8	46.3	45.7	46.0	44.8	41.8	37.2	35.3	32.7	28.7	26.4	29.2	35.4	38.3	39.9	40.8	40.5	43.7	40.5	-3.2
3.5-4.0	—	48.9	53.1	55.1	56.1	54.2	52.8	50.8	46.5	47.6	47.2	45.6	42.2	38.6	37.7	33.8	29.6	28.1	31.6	36.4	38.8	40.4	42.0	42.9	42.9	41.6	-1.3
4.5-5.0	—	50.8	51.7	56.3	57.1	54.0	53.4	49.7	48.9	44.9	48.4	44.7	43.1	40.0	35.5	33.1	28.7	26.2	31.5	36.5	39.0	40.5	43.6	40.9	40.0	39.6	-0.4
5.5-6.0 (High)	—	51.3	51.8	59.1	54.3	55.0	54.8	48.5	46.1	45.5	44.5	44.5	43.5	40.6	36.3	33.3	31.9	26.8	33.4	35.7	40.7	40.6	44.0	41.8	42.3	41.1	-1.2
Race (2-year average):[d]																											
White	—	—	50.4	53.5	55.2	54.9	54.4	50.7	49.3	47.4	47.6	47.2	45.2	43.0	40.3	37.5	33.9	30.5	31.4	35.5	39.0	40.8	42.8	44.0	43.3	42.8	-0.6
Black	—	—	40.8	42.8	41.5	40.5	39.0	36.4	38.5	37.8	35.9	33.3	28.9	25.0	21.3	17.0	14.7	14.5	16.6	23.5	29.6	32.4	33.0	32.3	32.8	32.7	-0.2
Hispanic	—	—	49.9	49.5	48.4	48.1	46.8	42.7	42.0	43.1	43.9	42.8	38.9	35.4	30.1	26.4	29.4	30.3	28.8	31.2	35.5	38.0	41.2	41.9	42.5	44.8	+2.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, methaqualone (excluded since 1990), or tranquilizers not under a doctor's orders.

[b] Beginning in 1982 the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence of use rate dropped slightly as a result of this methodological change.

[c] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[d] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-3
Any Illicit Drug Other Than Marijuana[a]: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	8.4	9.3	10.4	11.3	12.6	13.1	11.8	11.0	10.5	10.2	-0.4	12.2	12.3	13.9	15.2	17.5	18.4	18.2	16.6	16.7	16.7	0.0
Gender:																						
Male	8.0	8.0	9.2	10.1	11.5	11.0	10.8	9.6	9.7	9.1	-0.6	11.2	11.1	13.4	14.1	15.8	17.2	17.2	15.6	15.9	16.7	+0.8
Female	8.8	10.4	11.5	12.3	13.5	14.7	12.6	12.1	11.2	10.9	-0.3	13.1	13.2	14.3	16.0	18.9	19.6	19.1	17.5	17.3	16.6	-0.7
College Plans:																						
None or under 4 yrs.	16.3	18.5	21.3	21.2	25.3	23.0	22.1	23.8	23.4	22.7	-0.7	19.6	20.2	23.1	24.0	27.5	29.5	29.6	27.8	27.3	27.7	+0.4
Complete 4 yrs.	7.2	8.0	8.9	9.9	10.9	11.6	10.6	9.4	9.0	8.7	-0.3	10.7	10.5	12.0	13.3	15.7	16.5	16.3	14.6	15.0	15.0	+0.1
Region:																						
Northeast	6.8	6.6	8.2	10.3	10.7	11.3	9.5	8.5	8.5	8.0	-0.6	10.6	9.6	12.8	13.7	14.1	17.2	16.0	17.2	18.2	14.7	-3.5
North Central	8.6	10.4	9.4	10.2	14.0	14.3	12.5	10.5	11.9	11.2	-0.8	13.2	12.9	12.8	14.8	19.0	20.0	16.2	14.4	16.1	15.8	-0.3
South	8.6	9.7	11.0	11.7	12.5	12.6	11.8	12.5	11.2	10.3	-1.0	11.9	12.2	14.7	15.3	18.4	18.6	20.8	18.3	16.8	17.5	+0.7
West	9.3	9.8	13.4	12.7	12.7	14.0	13.0	11.1	9.3	10.5	+1.1	12.7	14.1	15.6	17.2	17.2	17.4	18.7	15.8	15.7	18.5	+2.8
Population Density:																						
Large MSA	8.0	8.1	8.8	9.8	8.7	12.3	9.9	8.9	8.4	8.5	0.0	11.8	11.4	12.2	13.1	13.5	16.8	16.3	14.6	15.0	17.2	+2.2
Other MSA	8.6	10.4	11.8	12.5	13.5	14.1	12.2	11.2	10.7	10.1	-0.6	12.3	12.3	14.1	16.1	18.5	19.5	18.0	16.6	17.3	15.6	-1.7
Non-MSA	8.6	8.9	9.8	9.8	13.2	12.1	13.0	12.8	12.8	12.3	-0.4	12.4	13.1	15.0	14.6	17.6	18.3	20.8	18.9	17.5	18.1	+0.7
Parental Education:[b]																						
1.0-2.0 (Low)	12.9	12.9	14.4	15.6	18.0	15.5	14.8	17.3	16.0	15.8	-0.2	14.4	16.6	18.1	17.1	20.8	22.7	19.1	21.5	19.2	20.4	+1.2
2.5-3.0	8.5	10.1	11.8	12.4	14.2	13.9	12.9	12.2	12.1	12.2	+0.2	13.7	12.5	14.6	16.3	19.7	19.4	19.9	19.1	19.1	19.4	+0.3
3.5-4.0	8.7	10.1	10.6	11.8	14.2	14.5	12.5	11.2	11.3	10.6	-0.7	12.1	12.7	14.8	15.9	18.3	19.9	19.8	16.4	16.5	17.4	+0.9
4.5-5.0	7.1	7.5	9.1	9.5	9.7	12.0	10.6	9.4	8.5	7.7	-0.8	11.0	10.9	11.7	13.3	15.9	16.6	16.5	14.1	15.4	14.5	-0.9
5.5-6.0 (High)	7.8	8.0	8.2	9.4	10.1	11.7	10.3	9.5	8.3	8.4	+0.2	11.6	10.7	12.2	12.8	13.4	15.4	15.4	14.4	15.6	14.5	-1.1
Race (2-year average):[c]																						
White	—	9.0	10.0	10.8	12.6	13.9	13.5	12.5	11.5	11.1	-0.4	—	13.7	14.4	15.4	17.7	20.0	20.5	19.7	18.7	18.6	-0.1
Black	—	4.9	5.0	5.9	5.7	5.3	4.7	4.0	4.1	3.8	-0.2	—	4.3	4.6	5.4	5.4	4.5	4.8	4.7	4.5	4.2	-0.3
Hispanic	—	12.2	13.7	15.2	15.3	14.7	13.6	13.5	14.5	13.9	-0.5	—	11.8	13.7	16.1	16.9	18.8	19.1	17.5	17.9	17.8	-0.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of amphetamines or tranquilizers not under a doctor's orders. The use of other narcotics and barbiturates has been excluded, because 8th and 10th graders appear to overreport their use (perhaps because they include the use of nonprescription drugs in their answers).

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-4
Any Illicit Drug Other Than Marijuana[a,b]: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	26.2	25.4	26.0	27.1	28.2	30.4	34.0	30.1	28.4	28.0	27.4	25.9	24.1	21.1	20.0	17.9	16.2	14.9	17.1	18.0	19.4	19.8	20.7	20.2	20.7	20.4	-0.3
Gender:																											
Male	25.9	25.7	26.3	27.9	29.4	30.2	32.8	31.0	28.9	28.2	27.9	26.2	24.3	22.2	21.0	19.2	17.0	15.5	17.8	18.5	20.7	21.7	21.7	21.7	22.5	21.5	-1.0
Female	26.2	24.4	25.3	25.7	26.3	30.0	34.3	28.3	27.3	26.9	26.2	24.8	23.3	19.3	18.5	16.0	14.8	13.8	15.8	16.9	17.3	16.8	18.8	18.0	18.5	18.6	+0.2
College Plans:																											
None or under 4 yrs.	—	28.7	30.1	30.0	31.8	35.5	38.3	34.0	32.3	32.9	31.6	31.3	28.8	24.5	25.5	23.1	20.1	19.5	19.8	22.9	23.9	24.2	25.8	26.5	24.4	24.7	+0.3
Complete 4 yrs.	—	20.9	20.8	22.7	23.5	25.5	30.1	26.0	24.7	23.3	24.1	22.2	21.3	19.0	17.2	15.2	14.3	13.0	15.9	16.0	17.5	17.9	18.4	17.8	19.4	18.5	-0.8
Region:																											
Northeast	26.0	26.1	27.8	30.7	32.0	32.1	38.0	33.5	31.2	33.8	32.9	29.5	25.5	20.2	19.2	17.1	15.6	14.7	18.6	17.2	20.2	22.9	24.1	20.7	19.5	21.7	+2.3
North Central	29.2	26.1	27.7	26.8	27.6	30.9	36.1	31.1	28.6	26.1	25.9	25.1	22.7	20.3	21.5	18.0	17.4	15.5	16.4	20.1	19.1	19.2	18.9	19.8	20.9	18.9	-2.0
South	22.5	23.4	22.9	24.0	23.2	25.8	26.1	24.7	23.8	24.2	21.0	20.6	21.1	20.0	18.1	16.9	14.4	14.0	16.0	17.3	19.0	18.6	19.8	20.3	21.2	19.0	-2.2
West	28.2	26.6	26.0	28.8	33.3	35.2	38.7	32.7	33.0	31.3	33.0	31.6	29.5	24.8	22.3	20.4	17.9	15.8	18.5	17.3	19.9	19.2	20.9	20.0	20.8	23.2	+2.4
Population Density:																											
Large MSA	30.3	27.5	27.1	30.2	32.1	34.6	38.3	33.8	31.5	30.5	30.4	28.3	24.5	20.7	16.9	16.0	14.2	13.5	15.1	16.7	20.2	18.9	18.6	19.0	17.6	19.4	+1.7
Other MSA	26.3	25.8	26.8	27.3	28.7	30.1	33.3	30.0	29.7	27.8	26.9	26.4	24.5	22.7	20.9	18.5	17.9	14.9	18.2	19.2	19.2	20.2	21.5	20.4	21.6	20.9	-0.7
Non-MSA	23.4	23.3	24.2	24.2	24.7	27.5	31.4	27.0	24.4	26.2	25.5	23.1	23.0	18.4	21.1	18.4	14.9	16.1	16.8	17.2	18.7	19.8	21.2	21.3	22.4	20.7	-1.7
Parental Education:[c]																											
1.0-2.0 (Low)	—	23.2	23.2	24.7	25.2	28.2	29.2	25.7	25.6	27.3	25.8	23.2	21.5	19.7	18.2	15.2	17.4	14.9	15.6	17.8	19.4	16.9	19.9	20.0	22.2	20.0	-2.2
2.5-3.0	—	25.6	27.0	26.4	27.6	30.7	33.5	30.4	28.1	28.2	27.4	27.0	24.2	20.5	20.0	17.9	16.8	15.0	16.1	18.5	19.4	19.7	19.4	20.1	21.0	19.9	-1.1
3.5-4.0	—	26.1	26.2	27.8	29.2	30.7	34.7	30.9	28.6	29.3	28.9	26.6	24.7	20.5	21.4	19.1	16.3	15.0	17.8	17.6	19.2	19.8	20.4	21.0	21.9	20.5	-1.4
4.5-5.0	—	27.2	25.9	27.3	28.7	29.9	34.8	29.4	30.0	26.2	27.1	24.9	23.8	21.7	19.3	17.5	14.6	14.3	17.5	18.4	19.4	19.3	21.0	19.1	19.3	20.1	+0.8
5.5-6.0 (High)	—	25.6	24.8	28.6	30.4	30.8	36.7	31.3	29.0	26.2	23.8	23.8	24.9	22.0	19.6	17.2	14.9	14.3	17.6	16.5	18.3	20.2	21.7	18.9	19.4	20.3	+0.9
Race (2-year average):[d]																											
White	[illegible]	—	26.6	27.7	28.8	30.6	34.5	32.1	31.2	30.2	29.6	28.2	26.6	24.4	22.5	21.0	18.7	17.1	17.9	19.4	20.3	21.2	22.3	23.1	22.9	22.7	-0.2
Black	—	—	14.2	13.4	13.0	13.8	13.2	14.5	15.2	12.9	12.0	12.1	11.1	10.3	8.6	6.5	5.7	5.3	4.8	6.1	6.9	6.0	6.4	7.1	6.8	6.4	-0.4
Hispanic	—	—	23.8	23.5	23.3	24.7	27.6	25.5	25.2	26.2	27.2	26.2	23.0	20.5	17.7	15.6	15.8	15.1	15.6	16.5	17.9	19.7	18.9	17.5	18.5	21.2	+2.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, methaqualone (excluded since 1990), or tranquilizers not under a doctor's orders.

[b] Beginning in 1982 the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence of use rate dropped slightly as a result of this methodological change.

[c] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[d] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-5
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	6.2	7.2	9.2	13.0	15.8	18.3	17.7	16.9	16.5	15.6	-0.9	16.5	15.2	19.2	25.2	28.7	33.6	34.8	31.1	32.1	32.2	+0.2
Gender:																						
Male	7.3	7.4	10.5	15.1	17.7	19.6	19.2	18.0	18.1	16.7	-1.4	17.7	16.3	21.2	28.2	30.6	36.0	37.3	32.2	34.3	36.1	+1.8
Female	5.1	6.9	8.0	10.9	13.7	16.9	16.1	15.3	14.9	14.3	-0.6	15.1	13.9	16.9	21.9	26.5	31.4	32.3	30.1	29.7	28.4	-1.3
College Plans:																						
None or under 4 yrs.	15.8	17.5	22.4	27.7	30.3	34.6	34.5	35.0	34.9	33.6	-1.3	26.9	25.1	31.5	37.3	41.8	48.9	51.5	46.8	48.3	48.8	+0.5
Complete 4 yrs.	4.6	5.5	7.3	11.0	13.8	15.8	15.5	14.5	14.0	13.4	-0.7	14.2	13.0	16.5	22.4	26.4	31.0	32.0	28.2	29.3	29.7	+0.4
Region:																						
Northeast	5.0	5.8	6.2	12.1	13.0	15.3	16.2	11.7	14.4	13.2	-1.2	17.1	14.9	22.4	25.6	28.8	34.8	34.6	35.4	34.4	30.3	-4.2
North Central	5.9	6.0	8.0	12.0	17.5	18.6	17.0	18.1	18.5	16.6	-1.9	15.8	14.8	17.4	23.4	26.6	33.1	34.4	28.5	31.6	31.1	-0.5
South	6.1	7.3	9.0	11.4	14.7	17.1	17.2	17.9	16.7	15.2	-1.4	14.5	12.5	16.4	23.8	28.4	33.9	34.4	30.7	30.9	31.4	+0.5
West	7.8	10.3	14.8	18.1	18.4	22.5	20.6	18.2	15.6	16.9	+1.3	19.4	20.4	24.0	30.0	32.2	32.4	36.5	30.7	32.0	37.1	+5.2s
Population Density:																						
Large MSA	5.2	6.7	8.0	13.1	15.6	18.3	16.4	16.0	15.6	14.5	-1.1	16.5	15.1	19.0	26.3	27.8	31.5	34.1	28.7	31.2	32.4	+1.3
Other MSA	7.2	8.3	10.9	15.7	17.2	19.5	18.2	17.4	15.4	14.8	-0.6	17.3	15.9	19.8	28.2	31.2	36.2	36.6	33.1	33.6	32.8	-0.8
Non-MSA	5.3	5.7	7.2	8.0	13.7	15.8	18.0	16.9	19.7	18.5	-1.2	14.9	13.9	18.2	18.5	24.8	30.9	32.5	30.2	30.0	31.1	+1.1
Parental Education:[a]																						
1.0-2.0 (Low)	13.2	12.7	13.6	18.7	23.0	20.2	24.8	25.0	25.8	26.2	+0.4	20.3	18.9	22.4	25.8	32.0	32.9	34.5	31.7	38.1	37.1	-1.0
2.5-3.0	7.0	7.7	10.7	14.5	17.9	20.6	20.3	20.0	20.8	19.4	-1.4	17.8	16.0	19.7	26.3	31.8	35.6	36.8	35.3	35.4	34.9	-0.6
3.5-4.0	6.2	7.0	9.7	13.2	17.2	20.2	19.5	17.7	16.3	15.9	-0.5	16.2	15.1	19.3	25.6	30.0	36.4	37.8	31.6	31.9	35.0	+3.1
4.5-5.0	3.7	5.4	7.4	10.9	12.7	16.2	15.7	13.7	11.7	10.8	-1.0	14.9	14.1	17.6	23.8	27.0	31.7	33.1	28.3	28.8	28.9	+0.1
5.5-6.0 (High)	4.6	5.2	6.4	11.0	13.0	14.7	12.1	12.7	12.4	11.5	-0.9	15.9	13.7	18.5	23.3	23.4	30.3	30.5	27.7	30.6	27.3	-3.3
Race (2-year average):[b]																						
White	—	6.4	7.8	10.0	13.5	16.7	17.8	16.7	15.4	14.9	-0.5	—	17.0	18.0	22.6	27.7	32.0	35.3	34.2	32.5	32.6	+0.2
Black	—	4.1	5.7	8.9	11.9	14.0	15.3	16.0	16.3	16.1	-0.1	—	7.6	8.7	15.3	20.9	25.7	28.4	26.9	26.3	27.6	+1.4
Hispanic	—	11.9	13.9	18.1	20.4	20.8	21.8	22.7	22.8	20.1	-2.7	—	18.9	21.3	25.1	29.2	34.6	36.8	34.4	34.0	34.8	+0.9

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-6
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	40.0	44.5	47.6	50.2	50.8	48.8	46.1	44.3	42.3	40.0	40.6	38.8	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5	37.5	37.8	36.5	-1.3
Gender:																											
Male	45.8	50.6	53.2	55.9	55.8	53.4	49.2	47.2	45.7	43.2	43.1	41.2	38.6	35.8	32.8	29.4	27.2	24.4	29.0	35.1	38.1	39.4	40.9	41.7	41.4	39.2	-2.2
Female	34.9	37.8	42.0	44.3	45.7	44.1	42.5	40.8	38.4	36.0	37.8	36.0	33.8	30.3	26.3	24.2	20.1	18.9	22.4	26.4	30.6	31.6	35.5	33.0	34.1	33.4	-0.7
College Plans:																											
None or under 4 yrs.	—	46.8	50.7	51.6	53.1	51.7	49.7	48.2	46.0	44.2	44.0	42.7	40.6	36.2	34.4	31.1	27.6	27.5	29.1	34.4	39.0	41.7	44.6	43.0	43.2	40.3	-3.0
Complete 4 yrs.	—	40.7	43.4	47.1	47.3	45.9	42.6	40.6	38.3	35.9	37.5	36.1	34.0	31.3	27.3	24.7	22.0	19.4	24.4	29.1	32.6	33.4	36.4	35.2	35.9	34.6	-1.3
Region:																											
Northeast	47.4	52.7	53.5	59.2	60.6	55.5	53.2	50.9	49.3	49.6	48.2	44.6	41.2	36.7	31.3	32.2	28.2	23.9	31.2	36.0	37.7	40.0	43.5	43.0	39.0	42.3	+3.3
North Central	40.1	44.0	48.1	51.6	52.2	48.9	46.8	45.6	42.0	36.4	40.8	40.2	37.4	34.3	33.0	28.7	26.1	22.7	26.0	30.5	36.9	36.9	36.5	33.8	38.0	34.5	-3.5
South	32.4	37.9	42.5	42.7	41.2	42.0	38.0	36.7	36.1	35.6	31.0	31.7	30.2	28.7	25.0	21.4	18.1	18.1	23.2	28.7	31.8	32.8	35.0	36.5	36.0	30.7	-5.3s
West	44.1	45.8	46.8	49.1	51.9	51.7	49.6	45.5	44.8	43.2	46.2	41.2	39.6	35.6	32.3	28.3	26.8	26.1	26.4	30.0	33.8	35.6	42.6	39.0	39.8	43.1	+3.3
Population Density:																											
Large MSA	50.4	51.3	53.2	57.2	58.7	56.3	51.4	50.4	47.0	44.2	44.4	42.6	39.3	34.3	27.8	27.7	24.3	22.6	29.1	32.0	37.5	37.2	38.3	38.4	38.7	37.1	-1.5
Other MSA	40.3	44.2	48.9	50.8	51.9	49.8	46.4	44.8	44.0	41.0	40.7	39.4	36.9	34.7	30.3	28.3	27.5	22.1	26.2	32.7	34.9	38.6	40.5	38.8	39.1	38.1	-1.0
Non-MSA	32.9	39.8	41.2	43.3	43.3	41.9	41.6	38.5	36.5	35.3	37.3	34.7	32.2	29.0	30.0	23.5	17.5	21.0	23.1	25.8	31.0	29.6	34.9	33.5	34.7	32.9	-1.8
Parental Education:[a]																											
1.0-2.0 (Low)	35.2	38.9	41.0	42.5	46.0	43.7	41.8	38.9	39.7	35.7	37.1	33.4	30.7	30.7	23.3	21.0	22.4	21.2	23.0	26.3	30.9	31.3	34.8	34.2	35.5	36.5	+1.0
2.5-3.0	39.2	46.1	48.2	50.3	50.0	49.0	45.3	44.5	42.2	40.1	40.6	38.8	36.3	31.1	29.6	26.9	22.5	21.1	24.1	29.7	33.8	35.1	37.4	36.1	38.6	35.1	-3.5
3.5-4.0	38.5	44.9	49.5	51.4	52.7	49.8	47.0	46.5	42.2	41.4	41.0	40.1	36.8	33.4	31.4	27.6	24.0	22.7	26.6	31.5	34.2	36.1	38.1	39.0	38.6	36.8	-1.8
4.5-5.0	40.6	46.8	49.3	53.2	53.7	50.5	47.6	45.9	43.5	39.6	43.2	39.9	37.5	35.1	29.7	28.5	23.8	20.8	27.2	32.0	35.0	36.6	40.1	37.4	35.9	35.8	-0.1
5.5-6.0 (High)	38.7	47.5	48.6	55.2	51.2	52.0	48.5	45.7	43.7	39.9	37.9	38.9	38.6	35.9	30.7	29.4	28.2	22.6	28.0	32.3	37.5	36.7	39.7	38.3	39.2	38.0	-1.2
Race (2-year average):[b]																											
White	—	—	46.8	50.1	51.8	51.2	49.1	47.1	44.6	42.0	41.6	41.4	39.7	37.6	34.5	31.6	28.2	24.9	25.9	30.2	34.2	36.4	38.7	39.9	39.1	38.2	-0.9
Black	—	—	37.9	39.6	38.4	37.5	36.1	35.5	37.4	36.4	33.4	30.6	25.7	21.2	17.8	13.7	11.4	11.5	14.2	20.7	26.8	30.2	30.4	30.0	30.4	30.0	-0.4
Hispanic	—	—	45.8	43.4	42.1	44.1	41.2	38.8	38.3	38.8	37.8	36.7	33.3	29.6	25.0	21.6	23.6	24.7	23.5	25.7	29.7	32.3	36.4	37.2	37.8	40.5	+2.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-7
Inhalants: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	9.0	9.5	11.0	11.7	12.8	12.2	11.8	11.1	10.3	9.4	-0.9	7.1	7.5	8.4	9.1	9.6	9.5	8.7	8.0	7.2	7.3	+0.1
Gender:																						
Male	9.0	9.2	10.4	11.2	11.5	10.3	10.5	10.6	9.5	8.9	-0.6	7.4	7.6	9.1	9.7	10.3	10.1	9.1	8.4	7.6	7.7	+0.2
Female	9.0	9.8	11.9	12.2	14.0	14.1	12.9	11.6	11.1	9.9	-1.3	6.6	7.5	7.7	8.6	8.9	8.9	8.2	7.6	6.9	7.0	+0.1
College Plans:																						
None or under 4 yrs.	15.0	15.6	17.7	18.3	19.6	18.2	18.1	20.9	17.9	17.2	-0.7	12.0	12.4	14.0	15.1	14.6	14.3	14.4	13.5	11.6	11.2	-0.3
Complete 4 yrs.	8.1	8.8	10.2	10.9	11.9	11.4	11.2	10.2	9.5	8.6	-0.9	5.9	6.4	7.3	7.8	8.7	8.7	7.7	7.0	6.5	6.7	+0.2
Region:																						
Northeast	8.0	8.6	11.3	12.0	13.1	11.7	12.1	9.1	9.8	8.7	-1.1	7.2	7.8	10.6	9.8	10.4	11.5	8.9	9.3	8.3	7.2	-1.2
North Central	9.8	10.5	9.9	10.3	13.8	13.3	11.3	11.3	10.6	10.6	0.0	7.5	8.0	8.3	8.4	10.4	9.8	8.3	6.7	8.4	7.5	-0.9
South	8.9	9.1	10.0	11.3	12.1	11.3	11.6	11.3	9.9	8.4	-1.5	7.2	6.6	7.3	9.0	9.4	9.1	8.8	8.3	6.5	7.4	+0.9
West	8.8	9.8	14.2	14.0	12.4	12.9	12.6	12.4	10.9	10.5	-0.5	6.2	8.0	8.4	9.9	8.1	8.0	8.5	7.8	6.1	7.2	+1.1
Population Density:																						
Large MSA	9.9	9.1	10.8	11.6	11.7	11.4	10.4	8.6	8.8	8.3	-0.5	7.7	7.8	8.5	7.9	8.7	8.1	8.1	6.7	6.9	7.1	+0.2
Other MSA	8.5	10.3	12.3	13.1	13.7	13.4	11.5	11.1	10.1	9.4	-0.8	7.1	7.4	8.4	9.8	9.7	9.6	8.4	7.7	7.0	6.8	-0.1
Non-MSA	9.1	8.6	8.5	9.3	12.3	11.0	13.9	14.0	12.3	10.9	-1.5	6.5	7.5	8.6	9.1	10.5	11.0	9.8	10.1	8.3	8.5	+0.2
Parental Education:[a]																						
1.0-2.0 (Low)	12.0	11.4	11.5	12.4	13.0	11.3	12.1	14.4	12.9	13.1	+0.2	7.0	8.2	10.2	8.7	9.4	10.8	9.3	9.7	8.7	8.5	-0.2
2.5-3.0	9.5	9.9	10.9	12.1	13.9	12.6	12.6	12.0	11.8	11.3	-0.5	8.0	7.9	9.1	9.5	11.0	9.9	8.5	9.1	8.0	8.1	+0.1
3.5-4.0	8.9	10.0	11.5	12.3	14.7	13.4	13.5	12.8	10.8	9.9	-1.0	7.5	8.3	8.3	9.6	10.2	10.1	9.4	8.1	6.9	7.4	+0.5
4.5-5.0	8.0	8.4	10.6	11.0	12.3	13.2	11.4	9.7	9.2	7.1	-2.1s	6.4	6.5	7.2	8.7	9.4	8.4	8.3	7.1	6.7	6.5	-0.2
5.5-6.0 (High)	8.4	10.3	12.6	12.2	11.6	11.7	10.8	10.6	9.1	9.2	+0.1	6.6	6.7	8.2	8.2	7.0	10.1	8.2	6.7	7.2	7.2	0.0
Race (2-year average):[b]																						
White	—	10.1	11.3	12.4	13.8	14.6	14.1	13.3	12.1	10.9	-1.3	—	8.3	8.8	9.6	10.6	11.0	10.4	9.6	8.9	8.4	-0.5
Black	—	4.4	4.6	5.3	5.0	4.2	3.8	4.2	4.2	4.3	+0.2	—	3.6	3.7	3.3	2.8	2.3	2.3	2.4	2.0	2.0	0.0
Hispanic	—	10.4	11.5	12.5	13.3	12.7	11.4	11.5	12.7	12.2	-0.5	—	6.4	8.3	9.0	8.5	8.2	7.9	7.6	7.3	6.3	-1.0

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-8
Inhalants[a] Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	3.0	3.7	4.1	5.4	4.6	4.1	4.5	4.3	5.1	5.7	6.1	6.9	6.5	5.9	6.9	6.6	6.2	7.0	7.7	8.0	7.6	6.7	6.2	5.6	5.9	+0.3
Adjusted[b]	—	—	—	—	8.9	7.9	6.1	6.6	6.2	7.2	7.5	8.9	8.1	7.1	6.9	7.5	6.9	6.4	7.4	8.2	8.4	8.5	7.3	7.1	6.0	6.2	+0.2
Gender:																											
Male	—	3.8	5.1	5.6	6.7	5.9	5.1	5.8	5.8	6.5	6.9	7.8	8.3	8.2	7.8	8.8	8.2	8.0	9.2	9.6	9.9	9.1	8.3	7.5	6.5	6.8	+0.3
Female	—	2.0	2.4	2.8	4.2	3.5	3.2	3.1	2.8	3.8	4.5	4.7	5.6	4.9	4.0	4.9	5.0	4.5	4.8	6.0	6.2	6.1	5.2	5.1	4.9	5.1	+0.2
College Plans:																											
None or under 4 yrs.	—	3.6	4.7	5.0	6.3	5.0	4.3	4.9	4.7	5.8	5.8	7.7	8.0	8.1	7.1	7.8	7.7	7.7	8.0	9.0	9.7	8.2	8.0	7.9	6.5	6.7	+0.2
Complete 4 yrs.	—	2.2	2.9	3.4	4.5	4.3	4.0	4.1	3.9	4.7	5.7	5.2	6.4	6.0	5.4	6.4	6.3	5.7	6.7	7.4	7.4	7.3	6.5	5.7	5.4	5.5	+0.1
Region:																											
Northeast	—	3.2	4.1	4.4	6.4	6.0	5.2	6.2	5.0	6.1	8.0	5.6	6.7	6.0	6.3	7.4	6.7	6.0	8.9	10.3	10.3	10.8	9.4	8.0	6.2	6.3	+0.1
North Central	—	2.6	4.2	4.8	5.9	4.6	3.8	3.6	4.5	5.0	5.8	6.7	8.6	7.2	6.7	8.0	8.6	7.4	6.3	9.5	8.6	7.6	6.9	7.6	6.3	5.5	-0.8
South	—	3.8	3.3	3.6	4.3	3.4	3.2	3.8	3.8	4.6	4.2	5.7	6.1	6.8	5.5	6.4	5.0	4.8	6.5	6.2	7.0	6.5	5.6	5.1	5.2	5.5	+0.4
West	—	1.7	3.0	3.6	4.9	4.9	4.7	4.4	4.3	5.3	5.4	6.6	6.2	5.6	4.8	5.7	6.8	7.5	7.0	5.7	6.7	6.0	5.4	4.7	4.9	6.7	+1.8
Population Density:																											
Large MSA	—	2.9	3.4	3.4	5.1	5.7	4.7	5.5	4.8	5.3	5.9	5.2	6.0	6.5	5.1	6.7	5.2	6.0	7.4	7.6	8.5	7.8	5.9	5.5	4.8	6.3	+1.5
Other MSA	—	2.6	3.6	3.7	4.8	4.2	4.0	3.9	4.4	5.0	5.9	6.3	6.9	6.0	5.8	6.8	7.8	6.6	7.3	7.7	7.8	7.9	6.5	6.1	5.3	4.9	-0.4
Non-MSA	—	3.4	4.2	5.3	6.2	4.4	3.7	4.4	3.9	5.2	5.4	6.6	7.8	7.5	6.8	7.4	5.8	5.6	6.0	7.6	7.8	7.0	8.1	7.4	6.9	7.2	+0.3
Parental Education:[c]																											
1.0-2.0 (Low)	—	3.7	3.9	4.5	5.2	3.6	3.6	3.2	3.1	4.5	4.2	4.9	4.6	5.3	5.9	5.0	6.1	4.2	4.3	5.3	7.5	5.8	5.4	6.3	4.8	4.0	-0.7
2.5-3.0	—	3.1	4.1	4.0	5.0	4.8	4.0	4.8	4.0	5.2	5.6	6.1	6.8	6.3	5.5	6.9	6.6	6.7	6.0	7.8	8.0	7.9	6.3	6.0	5.4	5.2	-0.2
3.5-4.0	—	3.1	3.4	4.1	5.1	4.7	4.0	4.6	4.9	5.6	5.5	6.2	7.1	5.8	6.1	7.2	6.1	6.3	7.7	7.1	6.7	7.8	7.1	7.3	6.1	6.1	0.0
4.5-5.0	—	2.7	3.0	3.9	5.8	4.3	4.4	4.4	5.2	5.0	7.0	6.9	7.2	7.0	5.7	7.4	7.4	6.3	7.6	8.9	8.9	7.4	7.9	5.3	5.6	5.9	+0.3
5.5-6.0 (High)	—	3.7	4.2	5.0	7.2	5.8	4.9	6.0	4.7	5.6	6.8	6.4	8.7	9.1	6.8	7.6	7.1	6.7	9.4	9.7	9.7	8.5	6.0	6.2	6.1	7.5	+1.4
Race (2-year average):[d]																											
White	—	—	3.6	4.3	5.1	5.3	4.7	4.7	4.8	5.1	5.9	6.5	7.3	7.6	7.0	7.2	7.6	7.2	7.6	8.6	9.1	9.0	8.6	7.9	7.0	6.4	-0.6
Black	—	—	1.5	1.3	2.1	2.2	2.1	1.9	1.8	2.2	2.0	2.1	3.0	3.1	2.2	2.1	2.7	2.5	2.2	2.4	2.6	2.2	1.9	1.7	1.4	1.9	+0.5
Hispanic	—	—	2.7	3.0	2.9	2.9	3.5	4.1	3.4	4.6	6.5	5.5	4.6	4.1	4.7	4.8	5.4	6.0	5.7	5.5	5.8	5.9	4.7	4.5	5.5	6.3	+0.8

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.
Data based on four of five forms in 1976–88; N is four-fifths of N indicated in Table D-59. Data based on five of six forms in 1989–98; N is five-sixths of N indicated in Table D-59. Data based on three of six forms in 1999; N is one-half of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] All data are unadjusted for underreporting of amyl and butyl nitrites, except where otherwise noted.
[b] Adjusted for underreporting of amyl and butyl nitrites. See text for details.
[c] Parental education is an average score of mother's education and father's education. See Appendix B for details.
[d] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-9
Hallucinogens: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last twelve months																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.9	2.5	2.6	2.7	3.6	4.1	3.7	3.4	2.9	2.8	0.0	4.0	4.3	4.7	5.8	7.2	7.8	7.6	6.9	6.9	6.1	-0.9
Gender:																						
Male	2.2	2.6	2.8	3.0	4.0	4.3	4.0	3.7	3.3	3.2	-0.1	4.4	4.7	5.7	6.6	8.1	8.5	8.7	7.4	8.1	7.2	-0.9
Female	1.6	2.3	2.3	2.4	3.3	3.7	3.2	2.9	2.4	2.5	+0.1	3.6	3.8	3.6	4.8	6.1	7.0	6.4	6.3	5.7	4.9	-0.8
College Plans:																						
None or under 4 yrs.	5.1	7.2	7.1	6.7	9.6	9.6	10.1	9.2	9.4	7.7	-1.7	7.5	7.5	9.1	10.4	12.5	14.5	13.6	14.2	14.3	12.3	-2.0
Complete 4 yrs.	1.4	1.8	1.9	2.2	2.9	3.2	2.9	2.7	2.1	2.3	+0.2	3.3	3.6	3.7	4.8	6.2	6.6	6.5	5.6	5.7	5.1	-0.6
Region:																						
Northeast	1.5	1.6	1.9	2.9	3.4	3.7	2.8	2.4	2.6	2.3	-0.3	4.0	2.7	4.7	5.8	5.6	7.7	6.2	8.1	8.6	5.8	-2.9s
North Central	1.6	2.4	1.7	2.2	3.8	3.9	3.8	3.5	3.4	3.5	+0.1	3.4	4.3	4.6	5.7	7.8	9.0	7.0	5.6	6.7	6.1	-0.6
South	1.9	2.7	2.8	2.4	3.3	3.9	3.4	3.7	2.9	2.7	-0.3	3.6	3.9	3.6	5.1	7.3	7.5	8.3	7.6	6.5	5.7	-0.8
West	2.8	3.2	4.2	3.9	4.2	5.1	4.8	3.5	2.4	2.7	+0.3	5.2	6.5	6.7	7.1	7.6	6.6	8.5	6.1	6.1	6.9	+0.8
Population Density:																						
Large MSA	2.1	2.2	2.2	3.1	4.0	3.8	3.3	2.9	2.5	2.3	-0.2	4.1	4.6	4.9	6.0	7.1	8.6	7.8	6.3	5.8	7.5	+1.7
Other MSA	2.0	3.0	3.1	3.1	3.8	4.8	4.0	3.4	3.1	3.0	-0.2	4.8	4.4	4.9	6.4	8.0	8.2	7.9	7.6	7.8	5.8	-2.0s
Non-MSA	1.5	2.0	1.8	1.6	3.0	3.2	3.5	3.8	2.8	3.2	+0.4	2.5	3.7	4.1	4.4	5.5	6.0	6.7	6.3	6.5	5.1	-1.5
Parental Education:[a]																						
1.0-2.0 (Low)	3.9	3.7	3.5	3.1	5.1	4.8	5.0	5.0	4.8	5.4	+0.6	3.7	4.9	6.0	6.1	7.7	8.0	6.5	8.3	7.0	5.2	-1.7
2.5-3.0	2.2	2.3	2.7	2.8	3.8	4.7	3.9	3.4	3.5	3.2	-0.3	4.3	4.2	4.5	5.5	7.6	8.5	7.3	8.2	8.1	5.8	-2.3ss
3.5-4.0	1.6	2.5	2.8	2.8	4.1	4.1	3.8	3.7	2.8	2.8	-0.1	3.7	4.6	4.8	5.9	7.6	8.6	8.2	6.6	6.6	6.7	+0.1
4.5-5.0	1.6	2.0	2.3	2.8	3.2	4.0	3.4	3.0	2.1	2.1	-0.1	4.1	3.8	4.5	5.5	6.6	6.9	8.2	6.1	6.6	6.3	-0.3
5.5-6.0 (High)	1.4	2.4	2.0	2.5	3.2	3.5	3.5	3.1	2.5	3.1	+0.6	4.6	4.2	4.6	6.2	6.5	7.2	6.8	6.0	6.5	6.2	-0.3
Race (2-year average):[b]																						
White	—	2.2	2.6	2.8	3.6	4.5	4.5	3.9	3.2	3.1	-0.2	—	4.9	5.1	5.6	7.1	8.6	8.9	8.4	8.2	7.6	-0.6
Black	—	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.7	+0.1	—	0.2	0.6	1.1	1.2	0.9	1.0	1.1	1.0	1.0	0.0
Hispanic	—	3.8	4.1	4.0	4.0	4.1	4.2	4.6	4.5	4.0	-0.5	—	3.6	4.5	5.7	6.3	6.6	7.3	7.3	6.4	5.2	-1.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-10
Hallucinogens[a] Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	11.2	9.4	8.8	9.6	9.9	9.3	9.0	8.1	7.3	6.5	6.3	6.0	6.4	5.5	5.6	5.9	5.8	5.9	7.4	7.6	9.3	10.1	9.8	9.0	9.4	8.1	-1.3s
Adjusted[b]	—	—	—	—	11.8	10.4	10.1	9.0	8.3	7.3	7.6	7.6	6.7	5.8	6.2	6.0	6.1	6.2	7.8	7.8	9.7	10.7	10.0	9.2	9.8	8.7	-1.1
Gender:																											
Male	13.7	11.6	10.8	11.6	11.8	11.7	10.9	9.6	8.6	7.9	8.1	7.2	7.5	7.2	7.4	7.7	7.5	7.1	8.9	9.2	11.9	12.4	12.0	11.0	11.4	9.6	-1.9s
Female	9.0	6.9	6.5	7.3	7.6	6.7	6.8	6.1	5.5	4.7	4.4	4.7	5.2	3.7	3.6	3.8	3.9	4.7	5.6	5.8	6.3	7.3	7.4	6.8	7.4	6.3	-1.1
College Plans:																											
None or under 4 yrs.	—	11.2	10.6	11.0	11.3	11.2	10.7	9.5	8.9	8.3	7.7	7.4	7.9	6.4	7.1	6.6	7.0	7.8	8.1	8.4	11.9	12.1	11.3	12.0	10.5	10.3	-0.2
Complete 4 yrs.	—	6.9	6.4	7.3	7.5	7.1	7.4	6.2	5.4	4.7	5.0	4.7	5.4	4.7	4.8	5.3	5.3	5.1	6.9	7.0	8.2	9.0	9.0	7.8	8.7	7.0	-1.8ss
Region:																											
Northeast	13.2	10.9	10.6	13.0	12.9	12.2	12.9	11.4	8.7	11.3	9.9	7.9	7.5	5.8	5.6	6.6	7.0	7.1	9.0	9.0	10.1	13.3	13.9	10.7	9.8	9.3	-0.5
North Central	13.0	10.3	9.7	10.7	11.1	11.3	10.3	9.1	8.9	6.0	6.8	6.6	6.9	5.3	6.6	5.7	6.5	5.9	6.8	8.1	9.2	8.8	7.6	8.4	9.8	7.0	-2.8s
South	8.5	7.4	6.8	6.3	5.7	5.4	4.1	4.6	5.2	3.9	3.2	3.3	4.8	5.2	4.9	5.0	3.7	4.7	5.9	6.7	8.8	8.9	9.2	8.5	8.6	6.9	-1.7
West	10.2	9.3	8.2	9.6	11.0	9.2	10.4	7.8	6.3	7.0	6.3	7.2	7.4	6.0	5.5	6.9	7.3	7.3	9.2	7.1	9.6	10.5	9.5	9.1	10.0	10.5	+0.5
Population Density:																											
Large MSA	13.9	11.1	9.9	11.9	12.3	11.6	12.0	10.9	9.2	8.8	8.3	7.6	7.9	6.5	5.4	5.7	5.1	6.2	7.3	8.1	11.0	10.5	8.8	8.7	8.4	8.9	+0.5
Other MSA	12.1	9.8	9.1	9.3	10.5	9.8	9.0	7.6	7.6	6.3	6.1	5.9	6.3	6.0	5.9	6.6	7.7	6.0	8.1	8.6	9.5	11.4	11.2	9.9	10.4	8.3	-2.1s
Non-MSA	8.5	7.7	7.5	8.3	7.1	7.1	6.8	6.5	5.3	5.0	5.0	4.9	5.3	3.5	5.0	4.5	3.3	5.5	6.3	5.1	7.0	7.4	8.3	7.4	8.8	7.0	-1.8
Parental Education:[c]																											
1.0-2.0 (Low)	8.9	7.4	6.8	7.7	7.1	8.0	6.7	6.5	6.5	5.4	4.8	5.4	5.8	4.9	4.2	3.8	4.9	3.6	4.9	5.0	7.2	7.4	7.3	7.9	9.0	7.0	-2.0
2.5-3.0	10.2	10.0	9.1	9.6	9.6	9.5	8.9	8.0	6.8	6.7	6.4	6.0	6.2	4.2	4.9	4.6	4.9	5.6	5.9	7.0	8.7	8.8	8.5	8.8	8.6	7.4	-1.3
3.5-4.0	10.9	9.8	9.2	9.7	9.7	9.2	9.2	8.6	7.7	6.3	7.2	6.3	6.0	4.8	5.6	6.5	6.2	6.0	7.5	8.0	9.5	10.3	9.9	9.5	10.6	8.2	-2.4ss
4.5-5.0	11.1	10.1	8.8	10.2	10.9	9.1	9.4	7.8	7.0	5.9	6.2	5.5	6.8	6.7	6.6	6.8	6.1	6.2	8.9	7.7	9.6	10.5	10.4	8.6	9.3	7.7	-1.6
5.5-6.0 (High)	8.9	9.4	9.5	10.2	11.7	9.9	10.6	9.0	7.0	7.6	4.3	5.9	7.2	7.2	7.0	8.2	7.3	7.4	8.9	9.0	9.5	11.4	11.6	9.4	8.4	9.6	+1.1
Race (2-year average):[d]																											
White	—	—	9.8	9.9	10.5	10.3	10.0	9.3	8.3	7.5	7.0	6.7	6.8	6.8	6.4	6.7	6.8	6.9	7.9	8.6	9.5	10.8	11.6	11.3	10.7	9.9	-0.8
Black	—	—	2.4	2.3	2.0	1.9	1.9	1.8	2.2	1.7	1.2	1.6	1.5	1.0	0.9	0.8	0.6	0.7	0.8	1.2	1.2	1.7	1.9	1.4	1.2	1.6	+0.4
Hispanic	—	—	7.9	7.2	7.0	7.1	7.0	7.7	6.6	5.2	5.7	5.7	5.0	4.0	3.2	3.3	4.4	4.6	5.3	5.8	7.1	8.3	7.3	6.8	7.9	9.6	+1.6

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] All data are unadjusted for underreporting of PCP, unless otherwise indicated.

[b] Adjusted for underreporting of PCP. See text for details.

[c] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[d] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-10
Hallucinogens[a] Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	11.2	9.4	8.8	9.6	9.9	9.3	9.0	8.1	7.3	6.5	6.3	6.0	6.4	5.5	5.6	5.9	5.8	5.9	7.4	7.6	9.3	10.1	9.8	9.0	9.4	8.1	-1.3s
Adjusted[b]	—	—	—	—	11.8	10.4	10.1	9.0	8.3	7.3	7.6	7.6	6.7	5.8	6.2	6.0	6.1	6.2	7.8	7.8	9.7	10.7	10.0	9.2	9.8	8.7	-1.1
Gender:																											
Male	13.7	11.6	10.8	11.6	11.8	11.7	10.9	9.6	8.6	7.9	8.1	7.2	7.5	7.2	7.4	7.7	7.5	7.1	8.9	9.2	11.9	12.4	12.0	11.0	11.4	9.6	-1.9s
Female	9.0	6.9	6.5	7.3	7.6	6.7	6.8	6.1	5.5	4.7	4.4	4.7	5.2	3.7	3.6	3.8	3.9	4.7	5.6	5.8	6.3	7.3	7.4	6.8	7.4	6.3	-1.1
College Plans:																											
None or under 4 yrs.	—	11.2	10.6	11.0	11.3	11.2	10.7	9.5	8.9	8.3	7.7	7.4	7.9	6.4	7.1	6.6	7.0	7.8	8.1	8.4	11.9	12.1	11.3	12.0	10.5	10.3	-0.2
Complete 4 yrs.	—	6.9	6.4	7.3	7.5	7.1	7.4	6.2	5.4	4.7	5.0	4.7	5.4	4.7	4.8	5.3	5.3	5.1	6.9	7.0	8.2	9.0	9.0	7.8	8.7	7.0	-1.8ss
Region:																											
Northeast	13.2	10.9	10.6	13.0	12.9	12.2	12.9	11.4	8.7	11.3	9.9	7.9	7.5	5.8	5.6	6.6	7.0	7.1	9.0	9.0	10.1	13.3	13.9	10.7	9.8	9.3	-0.5
North Central	13.0	10.3	9.7	10.7	11.1	11.3	10.3	9.1	8.9	6.0	6.8	6.6	6.9	5.3	6.6	5.7	6.5	5.9	6.8	8.1	9.2	8.8	7.6	8.4	9.8	7.0	-2.8s
South	8.5	7.4	6.8	6.3	5.7	5.4	4.1	4.6	5.2	3.9	3.2	3.3	4.8	5.2	4.9	5.0	3.7	4.7	5.9	6.7	8.8	8.9	9.2	8.5	8.6	6.9	-1.7
West	10.2	9.3	8.2	9.6	11.0	9.2	10.4	7.8	6.3	7.0	6.3	7.2	7.4	6.0	5.5	6.9	7.3	7.3	9.2	7.1	9.6	10.5	9.5	9.1	10.0	10.5	+0.5
Population Density:																											
Large MSA	13.9	11.1	9.9	11.9	12.3	11.6	12.0	10.9	9.2	8.8	8.3	7.6	7.9	6.5	5.4	5.7	5.1	6.2	7.3	8.1	11.0	10.5	8.8	8.7	8.4	8.9	+0.5
Other MSA	12.1	9.8	9.1	9.3	10.5	9.8	9.0	7.6	7.6	6.3	6.1	5.9	6.3	6.0	5.9	6.6	7.7	6.0	8.1	8.6	9.5	11.4	11.2	9.9	10.4	8.3	-2.1s
Non-MSA	8.5	7.7	7.5	8.3	7.1	7.1	6.8	6.5	5.3	5.0	5.0	4.9	5.3	3.5	5.0	4.5	3.3	5.5	6.3	5.1	7.0	7.4	8.3	7.4	8.8	7.0	-1.8
Parental Education:[c]																											
1.0-2.0 (Low)	8.9	7.4	6.8	7.7	7.1	8.0	6.7	6.5	6.5	5.4	4.8	5.4	5.8	4.9	4.2	3.8	4.9	3.6	4.9	5.0	7.2	7.4	7.3	7.9	9.0	7.0	-2.0
2.5-3.0	10.2	10.0	9.1	9.6	9.6	9.5	8.9	8.0	6.8	6.7	6.4	6.0	6.2	4.2	4.9	4.6	4.9	5.6	5.9	7.0	8.7	8.8	8.5	8.8	8.6	7.4	-1.3
3.5-4.0	10.9	9.8	9.2	9.7	9.7	9.2	9.2	8.6	7.7	6.3	7.2	6.3	6.0	4.8	5.6	6.5	6.2	6.0	7.5	8.0	9.5	10.3	9.9	9.5	10.6	8.2	-2.4ss
4.5-5.0	11.1	10.1	8.8	10.2	10.9	9.1	9.4	7.8	7.0	5.9	6.2	5.5	6.8	6.7	6.6	6.8	6.1	6.2	8.9	7.7	9.6	10.5	10.4	8.6	9.3	7.7	-1.6
5.5-6.0 (High)	8.9	9.4	9.5	10.2	11.7	9.9	10.6	9.0	7.0	7.6	4.3	5.9	7.2	7.2	7.0	8.2	7.3	7.4	8.9	9.0	9.5	11.4	11.6	9.4	8.4	9.6	+1.1
Race (2-year average):[d]																											
White	—	—	9.8	9.9	10.5	10.3	10.0	9.3	8.3	7.5	7.0	6.7	6.8	6.8	6.4	6.7	6.8	6.9	7.9	8.6	9.5	10.8	11.6	11.3	10.7	9.9	-0.8
Black	—	—	2.4	2.3	2.0	1.9	1.9	1.8	2.2	1.7	1.2	1.6	1.5	1.0	0.9	0.8	0.6	0.7	0.8	1.2	1.2	1.7	1.9	1.4	1.2	1.6	+0.4
Hispanic	—	—	7.9	7.2	7.0	7.1	7.0	7.7	6.6	5.2	5.7	5.7	5.0	4.0	3.2	3.3	4.4	4.6	5.3	5.8	7.1	8.3	7.3	6.8	7.9	9.6	+1.6

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] All data are unadjusted for underreporting of PCP, unless otherwise indicated.

[b] Adjusted for underreporting of PCP. See text for details.

[c] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[d] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-11
LSD: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.7	2.1	2.3	2.4	3.2	3.5	3.2	2.8	2.4	2.4	+0.1	3.7	4.0	4.2	5.2	6.5	6.9	6.7	5.9	6.0	5.1	-0.9
Gender:																						
Male	2.0	2.1	2.5	2.6	3.4	3.7	3.5	3.2	2.7	2.6	-0.1	3.9	4.3	5.1	5.9	7.4	7.6	7.6	6.3	7.0	5.9	-1.1
Female	1.3	2.0	2.1	2.1	2.9	3.2	2.8	2.4	2.0	2.2	+0.2	3.4	3.6	3.2	4.3	5.5	6.2	5.8	5.4	5.1	4.3	-0.8
College Plans:																						
None or under 4 yrs.	4.5	6.4	6.4	6.2	8.5	8.2	9.3	7.8	8.2	6.7	-1.5	6.8	7.0	8.4	9.4	11.1	13.1	12.8	12.4	13.1	11.1	-2.0
Complete 4 yrs.	1.2	1.5	1.6	1.8	2.5	2.7	2.5	2.2	1.7	2.0	+0.3	3.0	3.4	3.3	4.2	5.6	5.8	5.7	4.7	4.9	4.1	-0.7
Region:																						
Northeast	1.3	1.4	1.8	2.6	2.9	2.9	2.3	2.1	2.2	1.9	-0.3	3.6	2.6	3.8	5.1	4.7	6.4	5.2	7.1	7.5	4.1	-3.4ss
North Central	1.4	1.8	1.4	1.7	3.5	3.4	3.3	2.5	2.7	3.0	+0.3	3.2	4.1	4.4	5.2	7.3	8.3	6.0	4.5	6.0	5.4	-0.6
South	1.8	2.4	2.4	2.1	2.8	3.4	3.0	3.2	2.5	2.4	-0.1	3.3	3.7	3.2	4.6	6.8	6.8	7.9	6.5	5.8	5.0	-0.7
West	2.2	2.9	3.7	3.3	3.8	4.3	4.3	3.2	1.9	2.3	+0.3	4.8	5.9	6.1	6.3	6.5	5.7	7.4	5.2	5.1	5.9	+0.8
Population Density:																						
Large MSA	1.9	2.0	2.0	2.7	3.6	3.2	2.9	2.6	2.2	2.0	-0.2	3.8	4.4	4.4	5.4	6.6	7.6	7.0	5.4	4.9	6.4	+1.4
Other MSA	1.7	2.5	2.8	2.8	3.3	4.1	3.6	2.9	2.7	2.6	-0.2	4.4	4.1	4.4	5.9	7.1	7.4	7.0	6.6	6.7	4.8	-2.0ss
Non-MSA	1.3	1.6	1.4	1.3	2.4	2.6	2.8	2.9	1.9	2.8	+0.9	2.3	3.5	3.7	3.7	5.0	5.2	6.0	5.0	5.9	4.4	-1.5
Parental Education:[a]																						
1.0-2.0 (Low)	3.5	3.1	3.1	2.8	4.6	4.4	4.7	4.4	3.7	4.9	+1.2	3.1	4.4	5.5	5.5	6.9	7.6	5.9	7.9	6.3	4.9	-1.5
2.5-3.0	1.8	2.1	2.3	2.6	3.1	4.0	3.2	2.8	2.7	2.9	+0.2	4.0	4.2	4.2	5.1	6.9	7.6	6.6	7.0	7.3	5.1	-2.2ss
3.5-4.0	1.4	2.0	2.4	2.4	3.6	3.5	3.4	3.1	2.4	2.2	-0.2	3.4	4.1	4.2	5.3	6.9	7.9	7.4	5.6	5.8	5.6	-0.2
4.5-5.0	1.4	1.5	2.1	2.1	2.6	3.4	2.9	2.5	1.9	1.8	-0.1	3.8	3.6	3.9	4.8	6.0	6.0	7.0	5.0	5.7	5.0	-0.7
5.5-6.0 (High)	1.3	2.0	2.0	2.1	2.9	3.0	2.9	2.4	1.9	2.3	+0.4	4.2	3.9	3.9	5.4	5.9	5.8	6.0	4.6	5.3	5.0	-0.3
Race (2-year average):[b]																						
White	—	1.9	2.3	2.5	3.1	3.9	3.9	3.2	2.6	2.6	-0.1	—	4.6	4.6	5.0	6.4	7.7	7.9	7.3	7.0	6.5	-0.6
Black	—	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.0	—	0.2	0.5	0.9	1.0	0.8	0.9	1.0	0.9	0.9	0.0
Hispanic	—	3.3	3.7	3.6	3.3	3.5	3.9	4.2	3.9	3.5	-0.4	—	3.2	4.1	5.0	5.7	6.1	6.7	6.6	5.6	4.6	-1.0

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-12
LSD: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	7.2	6.4	5.5	6.3	6.6	6.5	6.5	6.1	5.4	4.7	4.4	4.5	5.2	4.8	4.9	5.4	5.2	5.6	6.8	6.9	8.4	8.8	8.4	7.6	8.1	6.6	-1.5s
Gender:																											
Male	9.6	7.9	7.1	7.8	8.0	8.1	8.0	7.4	6.7	5.8	5.9	5.5	6.4	6.5	6.5	7.1	6.8	6.7	8.4	8.4	10.7	10.9	10.3	9.3	10.0	7.6	-2.4ss
Female	5.6	4.6	3.9	4.5	4.8	4.8	4.7	4.3	3.8	3.1	2.8	3.4	3.9	3.0	3.2	3.6	3.4	4.4	5.1	5.3	5.8	6.5	6.2	5.7	6.1	5.3	-0.8
College Plans:																											
None or under 4 yrs.	—	7.5	6.7	7.2	8.0	8.2	8.0	7.5	6.9	6.1	5.6	5.9	6.6	5.7	6.5	6.2	6.4	7.6	7.5	7.7	11.2	11.4	10.3	10.9	9.4	8.7	-0.8
Complete 4 yrs.	—	4.7	4.0	4.6	4.5	4.7	5.0	4.3	3.8	3.1	3.4	3.3	4.3	4.1	4.2	4.8	4.7	4.8	6.4	6.3	7.3	7.7	7.4	6.3	7.3	5.6	-1.8ss
Region:																											
Northeast	8.5	8.0	7.2	8.0	7.9	6.8	9.0	8.0	5.6	7.0	5.4	5.1	5.3	4.7	5.1	5.9	6.1	6.6	8.6	8.2	8.8	11.9	11.8	8.2	7.8	7.1	-0.7
North Central	8.7	7.0	6.5	7.9	7.9	8.5	7.8	7.3	7.0	4.4	5.3	5.3	5.7	4.7	6.0	5.3	5.9	5.5	6.3	7.3	8.3	7.7	7.0	7.6	9.1	5.9	-3.2ss
South	5.4	4.7	3.7	3.7	3.4	4.3	3.4	3.9	4.4	3.5	2.8	2.6	4.2	4.7	4.2	4.7	3.4	4.4	5.5	6.3	8.1	7.9	8.1	7.4	7.7	6.0	-1.7
West	7.6	5.9	5.0	5.8	8.3	6.5	6.3	4.8	4.2	4.5	4.6	5.9	6.2	5.2	4.4	6.4	6.5	7.0	8.5	6.2	8.5	8.8	6.9	7.1	7.7	7.9	+0.3
Population Density:																											
Large MSA	9.4	7.9	6.4	7.2	7.6	7.3	8.0	7.3	5.7	4.7	4.1	4.4	5.6	5.2	4.6	5.2	4.3	5.7	6.7	7.3	9.7	9.0	7.7	7.2	6.8	6.7	-0.1
Other MSA	7.4	6.8	5.6	6.1	7.3	6.8	6.9	6.3	6.0	4.9	4.8	4.9	5.4	5.6	5.3	6.1	7.0	5.8	7.6	7.9	8.7	10.0	9.3	8.4	9.2	6.9	-2.3s
Non-MSA	5.7	4.8	4.8	5.8	4.9	5.6	4.9	4.8	4.4	4.2	4.1	4.0	4.4	3.1	4.3	4.2	3.0	5.1	5.6	4.6	6.5	6.5	7.3	6.1	7.4	5.9	-1.5
Parental Education:[a]																											
1.0-2.0 (Low)	6.1	4.8	4.5	5.0	4.5	5.2	4.8	5.0	4.9	4.1	3.0	3.9	4.4	4.1	3.6	3.4	4.3	3.3	4.6	4.4	6.6	6.7	6.8	6.8	8.6	5.6	-3.0
2.5-3.0	6.5	6.8	5.8	6.1	6.3	6.8	6.5	6.1	5.1	4.8	4.5	4.6	4.9	3.8	4.3	4.4	4.4	5.2	5.6	6.5	8.1	8.2	7.3	7.8	7.6	6.4	-1.2
3.5-4.0	6.4	6.7	5.6	6.1	6.7	6.7	6.7	6.4	5.7	4.3	4.7	4.6	4.9	4.2	5.1	6.0	5.5	5.7	7.0	7.4	8.6	9.3	8.5	8.2	9.0	6.7	-2.3ss
4.5-5.0	7.0	6.4	5.3	6.7	7.5	5.7	6.4	5.7	5.2	4.3	4.8	4.1	5.8	6.2	5.9	6.2	5.3	5.8	8.3	6.9	8.6	8.7	8.6	6.5	8.0	6.0	-2.1s
5.5-6.0 (High)	6.5	6.4	6.1	7.0	7.4	7.2	7.7	6.0	4.8	5.0	3.8	4.7	6.1	6.2	5.5	7.4	7.1	7.0	8.2	7.9	8.3	9.2	9.5	7.3	6.4	7.0	+0.6
Race (2-year average):[b]																											
White	—	—	6.3	6.3	6.8	7.0	7.2	6.9	6.2	5.5	5.0	4.9	5.4	5.8	5.7	6.1	6.3	6.4	7.4	8.0	8.6	9.7	10.1	9.5	9.1	8.3	-0.8
Black	—	—	1.3	1.3	1.2	1.1	1.0	0.9	0.9	0.7	0.7	1.0	0.8	0.6	0.7	0.6	0.6	0.6	0.6	0.9	1.0	1.3	1.6	1.1	0.8	1.3	+0.5
Hispanic	—	—	6.1	5.0	4.9	5.2	4.5	5.2	5.0	4.1	3.9	3.9	4.0	3.1	2.3	2.7	3.6	4.1	5.1	5.4	6.4	7.4	6.3	5.9	7.0	7.6	+0.6

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-13
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	0.7	1.1	1.0	1.3	1.7	2.0	1.8	1.6	1.5	1.4	-0.1	1.3	1.4	1.9	2.4	2.8	3.3	3.3	3.4	3.2	3.1	-0.1
Gender:																						
Male	0.8	1.1	1.2	1.6	1.9	2.1	2.1	1.8	1.8	1.5	-0.3	1.5	1.6	2.5	3.0	3.4	3.8	4.1	3.9	4.1	3.8	-0.3
Female	0.6	1.0	0.9	0.9	1.4	1.7	1.4	1.4	1.1	1.3	+0.2	1.1	1.1	1.2	1.7	2.1	2.7	2.5	2.8	2.3	2.4	+0.1
College Plans:																						
None or under 4 yrs.	1.7	3.6	2.9	3.6	4.8	5.2	4.7	5.1	5.3	3.9	-1.4	2.5	2.7	3.7	4.8	5.3	6.2	4.8	7.3	6.7	6.1	-0.6
Complete 4 yrs.	0.5	0.7	0.7	1.0	1.3	1.4	1.4	1.2	1.0	1.2	+0.2	1.1	1.1	1.5	1.9	2.3	2.7	3.0	2.6	2.6	2.6	0.0
Region:																						
Northeast	0.4	0.6	0.7	1.4	1.8	2.1	1.7	1.2	1.4	1.3	-0.1	1.4	0.7	2.3	3.2	3.0	3.9	3.2	4.7	4.5	3.4	-1.1
North Central	0.6	1.3	0.6	1.1	1.6	1.8	1.8	1.9	1.7	1.8	+0.1	1.0	1.2	1.7	1.9	2.2	3.2	3.4	3.2	2.8	3.3	+0.5
South	0.7	1.0	1.0	1.0	1.5	1.7	1.4	1.8	1.6	1.3	-0.3	1.3	1.2	1.5	2.1	2.7	3.1	3.1	3.2	2.7	2.9	+0.3
West	1.4	1.3	1.9	1.9	1.9	2.6	2.7	1.3	1.1	1.4	+0.3	1.6	2.6	2.5	3.0	3.5	3.0	3.6	2.5	3.3	3.0	-0.3
Population Density:																						
Large MSA	0.7	0.8	0.7	1.6	1.6	1.8	1.4	1.3	1.1	1.2	+0.1	1.4	1.5	1.9	2.4	2.7	3.4	3.3	3.1	3.1	3.9	+0.8
Other MSA	0.7	1.3	1.3	1.4	1.8	2.2	1.9	1.6	1.5	1.7	+0.2	1.4	1.4	1.9	2.5	3.0	3.5	3.2	3.4	3.5	2.9	-0.6
Non-MSA	0.7	1.0	0.9	0.8	1.5	1.7	1.9	2.0	1.9	1.3	-0.6	1.0	1.2	2.0	2.3	2.5	2.7	3.5	3.5	2.7	2.8	0.0
Parental Education:[a]																						
1.0-2.0 (Low)	1.5	1.8	1.4	1.6	2.4	2.2	2.6	2.7	2.6	2.5	-0.2	1.5	1.5	2.0	2.6	3.3	3.4	2.4	2.9	3.4	2.5	-0.8
2.5-3.0	0.8	0.7	1.1	1.1	1.7	2.1	2.0	1.3	1.9	1.5	-0.4	1.2	1.0	1.4	1.8	2.7	3.4	2.7	4.2	3.0	2.6	-0.4
3.5-4.0	0.4	1.2	1.2	1.2	1.8	2.0	1.6	1.8	1.3	1.3	-0.1	1.3	1.7	2.3	2.3	3.0	3.2	3.6	3.0	2.8	3.2	+0.5
4.5-5.0	0.8	0.9	0.7	1.5	1.6	2.0	1.6	1.5	0.9	1.1	+0.1	1.2	1.5	1.9	2.6	2.5	3.3	3.7	3.0	3.7	3.7	0.0
5.5-6.0 (High)	0.8	1.3	0.9	1.5	1.7	1.4	1.9	1.9	1.5	2.0	+0.5	1.8	1.1	2.1	2.8	2.5	3.5	3.6	3.7	3.7	3.7	0.0
Race (2-year average):[b]																						
White	—	0.9	1.0	1.2	1.7	2.1	2.1	1.8	1.6	1.6	0.0	—	1.5	1.8	2.3	2.8	3.4	3.9	4.0	4.0	3.8	-0.2
Black	—	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	+0.1	—	0.1	0.4	0.7	0.7	0.4	0.3	0.4	0.5	0.6	+0.2
Hispanic	—	1.5	1.5	1.5	1.8	2.1	2.0	2.2	2.2	1.8	-0.4	—	1.3	1.5	1.9	2.0	2.1	2.4	2.8	2.6	2.0	-0.5

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-14
Hallucinogens Other Than LSD: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	9.4	7.0	6.9	7.3	6.8	6.2	5.6	4.7	4.1	3.8	3.6	3.0	3.2	2.1	2.2	2.1	2.0	1.7	2.2	3.1	3.8	4.4	4.6	4.6	4.3	4.4	+0.1
Gender:																											
Male	12.1	8.8	8.9	8.8	8.0	8.0	6.9	5.7	4.9	4.8	4.6	3.4	3.7	2.7	3.1	3.0	2.7	2.3	3.0	4.3	5.3	5.7	5.9	6.0	5.4	5.8	+0.4
Female	7.5	5.0	4.9	5.5	5.3	4.2	4.0	3.6	3.1	2.7	2.5	2.5	2.6	1.4	1.1	1.1	1.3	1.2	1.3	1.9	2.1	2.8	3.2	3.0	3.1	2.9	-0.2
College Plans:																											
None or under 4 yrs.	—	8.3	8.6	8.1	7.6	6.7	6.0	5.1	4.8	4.5	4.1	3.3	3.5	2.5	2.7	2.1	2.4	2.2	2.5	3.2	4.4	5.1	4.7	6.1	4.4	5.6	+1.2
Complete 4 yrs.	—	5.2	4.9	5.7	5.3	5.1	5.0	4.1	3.1	3.0	2.9	2.5	2.8	1.8	1.9	1.9	1.9	1.5	2.0	2.9	3.4	4.0	4.4	3.9	4.0	3.8	-0.2
Region:																											
Northeast	12.0	7.8	8.2	10.3	10.2	10.0	9.0	8.1	6.1	8.4	7.1	5.1	4.8	2.6	2.5	2.9	3.5	2.5	2.6	5.1	5.3	6.1	6.6	6.3	5.5	5.0	-0.5
North Central	11.3	7.9	7.9	7.6	6.8	6.7	5.7	4.8	4.4	2.9	3.1	2.7	3.5	1.6	2.3	1.7	1.9	1.8	2.0	3.1	3.2	3.5	2.8	4.1	3.7	3.6	-0.1
South	7.1	5.7	5.4	4.8	4.1	3.1	2.0	1.8	2.4	1.5	1.5	1.4	1.7	2.0	1.9	1.7	1.0	1.3	1.8	1.9	3.1	3.6	4.0	3.5	3.3	3.3	-0.1
West	7.7	6.7	6.3	7.2	6.6	5.9	6.9	4.9	4.1	4.5	3.6	3.3	3.3	2.5	2.3	2.6	2.6	1.8	2.9	3.6	4.5	5.4	6.1	5.5	5.7	6.9	+1.2
Population Density:																											
Large MSA	11.1	7.8	7.5	9.3	8.8	8.5	8.1	7.3	6.6	6.9	6.1	5.1	4.8	3.3	2.6	2.3	1.8	2.1	2.5	3.6	4.9	5.2	4.0	4.4	4.5	5.2	+0.8
Other MSA	10.7	7.3	7.2	6.9	7.2	6.5	5.0	3.7	4.0	3.1	3.0	2.4	2.5	1.7	2.0	2.4	2.6	1.7	2.2	3.6	3.7	4.7	5.4	5.1	4.2	4.3	0.0
Non-MSA	6.8	6.1	6.1	6.1	4.7	4.1	4.4	4.0	2.4	2.4	2.4	2.1	2.9	1.6	2.1	1.5	1.2	1.4	2.0	1.8	2.7	3.1	3.6	3.7	4.2	3.8	-0.5
Parental Education:[a]																											
1.0-2.0 (Low)	7.5	5.1	5.4	5.7	4.7	5.8	3.9	3.7	3.6	2.8	2.7	2.3	3.4	2.7	2.0	1.5	1.9	1.3	1.7	2.2	2.7	3.5	2.7	3.7	2.2	3.8	+1.7
2.5-3.0	8.7	7.6	6.9	7.2	6.5	5.9	5.1	4.7	3.6	3.8	3.5	3.1	2.9	1.5	1.8	1.2	1.6	1.6	1.5	2.4	3.4	3.0	3.5	3.9	3.3	3.6	+0.3
3.5-4.0	9.1	7.5	7.4	7.3	6.6	5.8	5.8	4.8	4.5	3.6	4.1	3.2	3.0	1.8	1.8	2.2	2.0	1.8	2.4	2.9	3.6	4.0	4.8	4.6	5.1	4.2	-0.9
4.5-5.0	9.7	8.4	7.0	7.8	7.5	6.4	6.0	4.7	3.9	3.8	3.6	2.7	3.3	2.2	2.6	2.8	2.4	1.7	2.7	3.7	4.2	5.2	5.3	5.0	4.4	4.6	+0.2
5.5-6.0 (High)	7.4	7.2	7.8	7.9	9.2	7.2	7.0	6.7	4.6	5.3	2.6	2.8	3.5	3.1	3.3	3.6	2.4	2.1	3.0	4.4	4.1	5.9	5.9	5.4	4.7	5.8	+1.1
Race (2-year average):[b]																											
White	—	—	7.6	7.6	7.5	7.0	6.3	5.6	4.7	4.3	4.0	3.5	3.4	3.0	2.4	2.4	2.4	2.2	2.2	3.0	3.8	4.4	5.2	5.6	5.2	4.8	-0.4
Black	—	—	1.6	1.6	1.3	1.4	1.3	1.2	1.6	1.3	0.8	0.9	0.9	0.6	0.5	0.4	0.3	0.3	0.5	0.7	0.8	0.8	0.7	0.6	0.6	1.0	+0.4
Hispanic	—	—	5.1	5.2	4.8	4.4	4.5	4.8	4.2	3.4	3.7	3.3	2.1	1.7	1.6	1.5	1.7	1.4	1.4	1.6	2.6	3.5	3.1	2.7	3.0	4.6	+1.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-15
MDMA (Ecstasy): Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last twelve months																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	—	—	—	—	—	2.3	2.3	1.8	1.7	3.1	+1.4sss	—	—	—	—	—	4.6	3.9	3.3	4.4	5.4	+1.0
Gender:																						
Male	—	—	—	—	—	2.2	2.7	2.3	1.7	3.1	+1.4ss	—	—	—	—	—	4.9	4.7	3.5	4.7	5.7	+1.1
Female	—	—	—	—	—	2.3	2.0	1.3	1.7	3.0	+1.3ss	—	—	—	—	—	4.2	3.1	2.9	4.2	4.8	+0.7
College Plans:																						
None or under 4 yrs	—	—	—	—	—	4.8	6.1	4.8	5.3	6.5	+1.2	—	—	—	—	—	7.7	7.5	5.4	8.5	10.7	+2.2
Complete 4 yrs	—	—	—	—	—	1.9	2.0	1.5	1.2	2.7	+1.4sss	—	—	—	—	—	4.0	3.3	2.9	3.7	4.5	+0.8
Region:																						
Northeast	—	—	—	—	—	2.1	1.5	1.6	1.8	2.4	+0.7	—	—	—	—	—	4.4	3.0	3.8	7.0	6.4	-0.5
North Central	—	—	—	—	—	1.7	1.7	1.7	1.4	3.5	+2.1ss	—	—	—	—	—	3.6	3.2	2.2	2.3	5.2	+2.8ss
South	—	—	—	—	—	2.8	2.3	2.7	1.8	3.2	+1.4s	—	—	—	—	—	5.6	5.0	4.1	4.1	5.2	+1.1
West	—	—	—	—	—	2.3	3.8	0.8	1.7	2.9	+1.2	—	—	—	—	—	4.1	3.7	2.7	4.4	5.0	+0.6
Population Density:																						
Large MSA	—	—	—	—	—	2.9	1.8	1.8	1.6	3.0	+1.5s	—	—	—	—	—	5.6	4.0	2.5	5.2	7.0	+1.8
Other MSA	—	—	—	—	—	2.5	3.1	2.1	1.8	3.4	+1.6ss	—	—	—	—	—	4.6	3.6	4.1	4.7	5.3	+0.6
Non-MSA	—	—	—	—	—	1.2	1.5	1.5	1.6	2.5	+1.0	—	—	—	—	—	3.3	4.2	2.7	2.8	3.7	+0.9
Parental Education:[a]																						
1.0-2.0 (Low)	—	—	—	—	—	2.9	2.2	2.1	2.5	4.2	+1.7	—	—	—	—	—	4.8	3.0	1.9	3.7	7.0	+3.3
2.5-3.0	—	—	—	—	—	2.2	2.4	1.4	2.0	3.9	+1.9s	—	—	—	—	—	4.7	3.9	3.1	4.4	4.9	+0.5
3.5-4.0	—	—	—	—	—	2.2	2.9	2.6	1.5	2.8	+1.3s	—	—	—	—	—	4.7	5.2	4.3	4.0	6.3	+2.3s
4.5-5.0	—	—	—	—	—	2.6	2.0	1.4	1.2	3.1	+1.9ss	—	—	—	—	—	4.2	2.5	2.9	4.3	5.0	+0.7
5.5-6.0 (High)	—	—	—	—	—	2.4	2.7	2.5	2.3	2.0	-0.4	—	—	—	—	—	5.3	4.0	4.4	5.6	4.8	-0.9
Race (2-year average):[b]																						
White	—	—	—	—	—	—	2.7	2.4	1.9	2.5	+0.6	—	—	—	—	—	—	4.8	4.0	4.4	5.3	+0.9
Black	—	—	—	—	—	—	0.3	0.4	0.5	0.6	+0.2	—	—	—	—	—	—	0.8	1.2	1.3	1.5	+0.2
Hispanic	—	—	—	—	—	—	2.5	1.7	1.9	3.3	+1.4	—	—	—	—	—	—	3.6	2.3	2.4	4.6	+2.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of four forms; N is one-third of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-16
MDMA (Ecstasy): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.6	4.0	3.6	5.6	8.2	+2.6ss
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.8	5.6	4.8	5.6	8.1	+2.5
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.2	2.5	2.7	5.6	8.2	+2.6s
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.9	3.8	4.7	4.2	8.5	+4.3s
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.0	3.9	3.3	6.2	8.0	+1.8
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.3	6.9	3.7	9.4	8.8	-0.5
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.7	1.3	2.7	3.3	5.7	+2.5
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.6	4.3	4.0	5.7	5.9	+0.2
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.9	4.1	4.0	5.0	14.4	+9.4sss
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.6	3.6	3.2	6.1	8.7	+2.6
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.1	4.6	4.3	6.1	8.4	+2.3
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.5	3.4	2.7	4.2	7.4	+3.2s
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.5	4.2	6.8	7.3	+0.5
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.0	3.1	3.2	5.1	7.7	+2.7
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.9	3.8	3.2	5.7	6.2	+0.5
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.0	2.9	4.3	6.2	8.3	+2.0
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.1	8.7	3.5	4.7	10.6	+5.9s
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.2	4.7	5.1	7.6	+2.5s
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.4	0.5	1.3	+0.9
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	2.7	6.0	10.6	+4.6

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of six forms; N is one-sixth of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

CAUTION: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-17
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.1	1.5	1.7	2.1	2.6	3.0	2.8	3.1	2.7	2.6	-0.1	2.2	1.9	2.1	2.8	3.5	4.2	4.7	4.7	4.9	4.4	-0.5
Gender:																						
Male	1.4	1.5	1.9	2.1	2.5	2.7	3.1	2.9	2.8	2.6	-0.2	2.2	2.0	2.5	3.1	3.5	4.5	4.7	4.9	5.2	4.7	-0.6
Female	0.9	1.5	1.5	2.1	2.6	3.1	2.5	3.1	2.7	2.6	-0.1	2.2	1.7	1.6	2.5	3.3	4.0	4.6	4.4	4.6	4.1	-0.6
College Plans:																						
None or under 4 yrs.	3.2	4.8	5.4	6.6	7.0	7.9	7.5	9.4	8.1	7.5	-0.6	4.7	4.0	5.1	6.6	7.2	10.0	10.4	10.7	11.6	9.7	-1.9
Complete 4 yrs.	0.8	1.0	1.1	1.5	2.0	2.2	2.2	2.3	2.0	2.0	0.0	1.7	1.4	1.4	2.0	2.8	3.2	3.7	3.6	3.8	3.5	-0.3
Region:																						
Northeast	1.3	0.8	1.0	2.2	2.2	2.6	2.4	1.9	2.2	1.6	-0.6	1.5	1.0	2.0	2.4	2.5	3.0	3.0	4.9	4.6	3.1	-1.5
North Central	0.9	1.4	1.0	1.2	2.6	2.9	2.6	2.7	2.6	2.9	+0.4	1.7	1.7	1.4	2.2	2.9	4.1	4.0	3.7	4.4	4.6	+0.2
South	1.1	1.7	2.1	2.5	2.4	2.7	2.6	3.8	3.1	2.2	-0.8	2.0	1.8	1.9	2.6	3.5	4.2	5.4	4.3	5.2	4.2	-1.0
West	1.5	2.0	2.7	2.3	3.3	3.7	3.7	3.3	2.7	3.7	+1.0	3.6	3.2	3.7	4.7	5.3	5.9	6.4	6.4	5.3	5.7	+0.4
Population Density:																						
Large MSA	1.1	1.4	1.3	1.9	2.4	2.8	2.4	2.3	2.1	2.3	+0.2	1.9	1.6	1.6	2.3	3.4	3.8	4.5	4.3	4.1	4.3	+0.2
Other MSA	1.1	1.7	2.2	2.5	2.8	3.2	2.9	3.3	2.8	2.5	-0.3	2.7	2.1	2.3	3.1	3.5	4.7	4.3	4.7	5.1	4.2	-0.9
Non-MSA	1.2	1.3	1.2	1.4	2.4	2.7	3.0	3.4	3.2	3.1	-0.1	1.6	1.7	2.1	2.7	3.6	3.7	5.7	5.2	5.4	4.7	-0.7
Parental Education:[a]																						
1.0-2.0 (Low)	2.4	3.2	2.9	3.5	4.9	3.9	4.7	6.3	5.6	5.3	-0.3	3.3	3.5	3.2	3.8	5.3	7.4	6.3	8.1	8.2	7.7	-0.5
2.5-3.0	1.4	1.6	2.0	2.3	2.4	3.3	3.0	3.3	3.1	2.9	-0.2	2.4	1.7	2.2	2.9	4.3	4.5	5.0	5.5	5.9	5.4	-0.5
3.5-4.0	0.7	1.2	1.8	2.1	2.8	3.3	2.8	3.1	2.8	2.5	-0.3	2.4	2.1	2.5	3.2	3.7	4.3	5.4	4.4	4.7	4.4	-0.3
4.5-5.0	0.7	1.0	1.0	1.6	1.9	2.7	2.6	2.2	1.7	1.8	+0.1	1.6	1.4	1.6	2.1	2.6	3.4	3.7	3.5	3.9	3.2	-0.7
5.5-6.0 (High)	1.2	1.5	1.1	1.9	2.5	2.5	2.3	2.5	2.5	2.2	-0.3	1.9	1.5	1.1	1.9	1.9	3.4	3.3	3.2	3.9	2.9	-0.9
Race (2-year average):[b]																						
White	—	1.2	1.3	1.6	2.3	2.8	3.0	2.8	2.6	2.5	-0.1	—	2.1	2.0	2.2	3.0	3.8	4.4	4.7	4.9	4.7	-0.3
Black	—	0.7	0.7	0.7	0.6	0.6	0.5	0.7	0.8	0.8	-0.1	—	0.6	0.6	1.0	0.9	0.7	0.8	1.0	0.9	0.6	-0.3
Hispanic	—	3.1	4.0	4.5	4.7	4.8	4.3	5.2	5.9	4.7	-1.1	—	3.7	3.7	4.9	5.5	7.0	8.5	8.3	8.2	8.0	-0.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-18
Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	5.6	6.0	7.2	9.0	12.0	12.3	12.4	11.5	11.4	11.6	13.1	12.7	10.3	7.9	6.5	5.3	3.5	3.1	3.3	3.6	4.0	4.9	5.5	5.7	6.2	5.0	-1.3s
Gender:																											
Male	7.5	7.5	9.3	11.4	14.6	14.8	13.8	13.1	13.2	13.8	14.8	14.3	11.3	9.1	8.1	6.6	4.1	3.7	4.0	4.5	4.8	6.0	6.6	6.8	7.3	5.8	-1.5s
Female	3.9	4.4	4.9	6.5	9.3	9.8	10.4	9.6	9.3	9.1	11.2	10.9	9.2	6.5	4.9	3.8	2.6	2.4	2.3	2.8	3.1	3.5	4.2	4.5	5.0	3.9	-1.0
College Plans:																											
None or under 4 yrs.	—	6.6	8.1	9.5	13.7	13.2	12.4	12.5	12.2	13.2	14.7	15.7	12.4	9.7	9.3	7.8	4.9	5.1	4.5	5.3	5.6	7.5	8.1	9.7	9.1	7.1	-1.9
Complete 4 yrs.	—	5.0	5.5	7.7	9.5	10.8	11.5	9.9	9.9	9.7	11.4	10.4	9.0	6.7	5.3	4.1	2.8	2.4	2.8	3.0	3.4	4.0	4.4	4.5	5.4	4.2	-1.2s
Region:																											
Northeast	5.3	6.6	7.9	11.8	13.8	14.2	16.8	16.9	15.2	19.5	20.8	17.9	13.3	9.1	7.3	6.5	3.8	2.8	3.1	3.1	3.8	5.5	6.6	5.9	4.3	4.1	-0.2
North Central	5.1	5.5	6.3	8.5	10.5	10.9	9.4	9.0	8.0	5.8	8.2	10.1	7.5	6.1	5.3	4.1	3.2	2.5	2.4	3.7	3.4	3.8	4.7	5.8	6.2	4.8	-1.4
South	5.4	5.1	6.0	6.8	8.5	7.8	6.8	6.3	7.7	7.7	7.5	7.1	7.0	6.2	6.0	4.8	3.0	3.2	3.1	3.4	3.6	4.6	4.8	5.8	6.9	4.7	-2.1s
West	7.8	7.9	10.2	10.7	18.6	20.6	22.1	17.9	19.2	19.3	19.7	20.0	16.4	12.1	8.5	6.6	4.4	4.3	4.9	4.5	5.8	6.1	6.8	5.4	6.9	6.3	-0.7
Population Density:																											
Large MSA	7.3	8.6	8.6	12.3	16.6	18.7	17.5	17.2	16.9	16.8	18.8	18.8	12.9	9.3	6.4	5.6	4.1	3.6	2.7	3.3	4.4	4.8	4.7	5.4	5.0	4.1	-0.9
Other MSA	5.9	5.8	7.3	8.9	11.7	11.3	11.5	10.1	11.2	11.0	12.4	12.0	10.1	8.5	7.1	5.4	3.7	3.3	3.9	4.1	3.9	4.9	5.6	5.8	6.6	4.9	-1.7s
Non-MSA	4.3	4.3	5.8	6.4	8.9	8.9	9.4	8.5	7.3	8.3	9.2	9.0	8.1	5.3	5.4	4.8	2.5	2.4	2.7	3.2	3.9	4.9	6.0	6.0	6.9	6.1	-0.8
Parental Education:[a]																											
1.0-2.0 (Low)	4.5	5.3	5.5	6.3	8.4	9.0	8.3	7.6	9.0	9.4	12.0	10.5	8.7	7.6	6.7	4.7	3.5	3.9	3.5	4.1	4.8	5.3	6.5	6.9	9.0	6.2	-2.8
2.5-3.0	4.6	6.1	6.8	8.7	11.1	11.2	10.5	11.0	9.8	10.9	12.7	12.9	9.9	7.4	6.4	5.6	3.8	3.3	3.0	4.0	3.9	5.0	5.5	6.3	6.0	4.6	-1.4
3.5-4.0	4.5	5.9	7.2	9.0	13.2	13.3	13.3	12.5	11.7	12.2	14.0	13.6	11.2	7.2	6.4	5.6	3.7	3.0	3.8	3.8	4.2	5.0	5.6	6.0	6.8	5.0	-1.8s
4.5-5.0	6.3	7.6	8.1	10.4	14.0	13.6	14.9	13.6	13.1	12.2	13.7	12.2	10.0	8.7	7.1	4.4	3.1	2.9	3.0	3.1	3.7	4.8	5.2	5.0	5.4	5.3	-0.2
5.5-6.0 (High)	5.2	7.1	9.5	11.6	15.2	16.3	16.2	13.8	15.1	13.4	11.9	12.5	10.8	8.1	5.8	5.5	2.4	2.6	2.4	3.3	3.4	4.3	4.4	4.4	5.2	3.9	-1.3
Race (2-year average):[b]																											
White	—	—	6.5	8.3	10.9	12.8	13.0	12.6	11.8	11.9	13.0	13.5	12.0	9.6	7.6	6.3	4.6	3.3	3.1	3.5	4.0	4.5	5.5	6.3	6.7	6.2	-0.4
Black	—	—	4.8	4.6	4.6	5.2	4.8	5.2	7.2	6.3	5.3	5.8	4.8	3.8	2.9	1.7	1.5	1.2	0.8	0.9	1.0	0.8	0.9	0.9	0.9	1.0	+0.1
Hispanic	—	—	7.2	7.5	8.9	11.2	12.4	12.1	11.4	13.3	16.3	16.7	14.0	9.9	7.8	7.4	6.1	5.2	5.8	5.4	5.5	7.3	7.6	6.7	7.5	7.6	+0.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-19
Crack: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	0.7	0.9	1.0	1.3	1.6	1.8	1.7	2.1	1.8	1.8	0.0	0.9	0.9	1.1	1.4	1.8	2.1	2.2	2.5	2.4	2.2	-0.2
Gender:																						
Male	0.8	0.9	1.1	1.3	1.5	1.7	1.8	2.1	1.8	1.7	-0.1	0.9	0.9	1.3	1.6	1.9	2.1	2.3	2.7	2.5	2.3	-0.2
Female	0.5	0.9	0.9	1.2	1.6	1.9	1.5	2.1	1.8	1.8	0.0	0.8	0.9	0.7	1.0	1.6	2.1	2.2	2.2	2.3	2.1	-0.2
College Plans:																						
None or under 4 yrs.	2.0	2.9	3.4	4.6	4.2	4.9	4.7	7.5	5.3	5.2	-0.2	2.4	2.1	2.7	3.4	3.7	5.0	4.9	6.0	5.5	5.2	-0.3
Complete 4 yrs.	0.4	0.6	0.6	0.8	1.3	1.3	1.3	1.5	1.4	1.4	0.0	0.6	0.6	0.7	0.9	1.5	1.5	1.8	1.9	1.8	1.7	-0.1
Region:																						
Northeast	0.5	0.4	0.4	1.4	1.4	1.7	1.6	1.2	1.5	1.2	-0.4	0.5	0.4	1.1	1.4	1.1	1.4	1.5	2.6	2.5	1.7	-0.9s
North Central	0.6	1.0	0.8	0.9	1.4	1.9	1.6	1.9	1.9	1.9	+0.1	0.9	0.9	0.8	1.0	1.5	2.2	2.1	2.1	2.1	1.8	-0.2
South	0.7	1.0	1.2	1.6	1.4	1.7	1.4	2.5	1.9	1.4	-0.5	1.0	0.8	0.9	1.3	1.9	2.0	2.0	1.9	2.0	1.9	-0.1
West	0.8	1.3	1.4	1.3	2.3	2.1	2.3	2.6	1.8	2.9	+1.1s	1.1	1.4	1.7	1.9	2.8	2.8	3.8	3.9	3.2	3.8	+0.6
Population Density:																						
Large MSA	0.5	0.8	0.7	1.3	1.5	1.8	1.5	1.6	1.2	1.6	+0.3	0.9	0.8	0.7	0.9	1.9	1.7	2.3	2.2	2.2	2.4	+0.2
Other MSA	0.7	1.1	1.2	1.5	1.7	2.0	1.8	2.2	2.0	1.8	-0.2	0.9	0.9	1.1	1.5	1.6	2.4	1.7	2.4	2.3	2.0	-0.3
Non-MSA	0.8	0.8	0.9	1.0	1.4	1.7	1.7	2.6	2.1	2.0	0.0	0.9	0.9	1.2	1.6	2.3	1.9	3.3	3.1	2.8	2.5	-0.4
Parental Education:[a]																						
1.0-2.0 (Low)	1.7	2.2	1.8	2.8	3.0	2.7	3.0	5.0	3.6	3.7	+0.1	1.3	1.7	1.8	1.9	3.0	3.9	3.4	4.5	3.4	4.8	+1.4
2.5-3.0	0.7	0.8	1.0	1.4	1.2	2.1	2.0	2.2	2.0	2.1	+0.1	1.0	0.8	1.0	1.1	2.4	2.5	2.4	3.1	2.9	2.9	+0.1
3.5-4.0	0.4	0.7	1.2	0.9	1.7	2.0	1.4	2.1	2.0	1.8	-0.2	0.9	1.0	1.4	1.5	1.7	1.9	2.6	2.0	2.5	2.2	-0.3
4.5-5.0	0.4	0.6	0.5	1.1	1.3	1.5	1.5	1.6	1.0	1.0	0.0	0.7	0.6	0.7	1.0	1.3	1.4	1.8	2.0	1.9	1.1	-0.8s
5.5-6.0 (High)	0.8	1.0	0.6	1.4	1.6	1.5	1.5	1.6	1.9	1.8	-0.1	0.7	0.9	0.5	1.1	1.1	1.8	1.2	1.8	1.8	1.4	-0.4
Race (2-year average):[b]																						
White	—	0.7	0.8	1.0	1.4	1.7	1.7	1.7	1.8	1.7	0.0	—	0.9	0.9	1.1	1.5	1.9	2.2	2.3	2.4	2.2	-0.2
Black	—	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.4	-0.1	—	0.3	0.4	0.8	0.6	0.4	0.4	0.5	0.5	0.5	+0.1
Hispanic	—	1.9	2.0	2.1	2.7	3.0	2.8	3.6	3.9	2.9	-1.1	—	1.5	1.7	1.9	2.5	3.7	3.7	4.1	4.4	4.0	-0.4

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-20
Crack: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	4.1	3.9	3.1	3.1	1.9	1.5	1.5	1.5	1.9	2.1	2.1	2.4	2.5	2.7	2.2	-0.5s
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	4.2	4.6	4.0	4.3	2.3	1.8	1.7	1.9	2.4	2.5	2.6	3.0	3.1	2.9	2.5	-0.5
Female	—	—	—	—	—	—	—	—	—	—	—	3.6	3.0	2.0	1.8	1.4	1.0	1.0	1.1	1.3	1.5	1.6	1.8	2.0	2.2	1.7	-0.5
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	5.2	5.1	4.1	3.8	3.5	2.3	2.6	2.7	3.3	3.0	4.0	4.3	4.6	5.0	3.5	-1.5s
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	2.8	2.7	2.3	2.7	1.2	1.1	1.0	1.2	1.4	1.7	1.6	1.7	1.9	1.9	1.7	-0.2
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	6.0	4.0	2.3	3.3	2.0	1.3	1.3	1.2	1.5	1.6	2.1	2.6	3.0	2.4	1.8	-0.6
North Central	—	—	—	—	—	—	—	—	—	—	—	3.1	3.5	2.4	2.2	1.6	1.5	1.4	1.3	2.2	2.0	2.3	2.2	2.6	2.8	2.0	-0.8
South	—	—	—	—	—	—	—	—	—	—	—	1.6	2.8	2.6	3.3	1.8	1.2	1.2	1.5	1.6	1.7	1.7	1.8	2.0	2.3	1.8	-0.5
West	—	—	—	—	—	—	—	—	—	—	—	7.5	6.1	5.6	3.8	2.7	1.8	2.1	2.1	2.3	3.5	2.6	3.4	3.2	3.4	3.2	-0.2
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	5.9	4.7	3.9	3.4	1.6	1.2	1.3	1.3	1.5	2.0	2.1	2.2	2.5	2.0	1.8	-0.2
Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.5	3.2	3.3	2.0	1.7	1.6	1.8	2.1	2.1	1.9	2.3	2.4	2.5	2.1	-0.4
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	3.5	3.7	2.0	2.2	2.0	1.2	1.3	1.4	1.9	2.1	2.5	2.8	2.9	3.6	2.8	-0.8
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.2	3.6	3.3	3.1	2.2	1.6	1.9	2.6	2.7	3.4	3.4	3.6	3.9	3.2	2.8	-0.3
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	5.3	4.2	2.6	3.1	2.2	1.5	1.9	1.6	2.2	2.3	2.4	2.5	2.8	2.8	2.1	-0.7
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	4.0	4.0	3.4	2.8	1.8	1.7	1.3	1.5	1.8	1.7	2.2	2.0	2.4	3.0	2.2	-0.8s
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	2.9	3.4	3.1	2.6	1.1	0.9	1.0	1.4	1.1	1.9	1.6	2.5	2.1	2.2	1.8	-0.4
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.7	2.4	2.1	3.7	1.8	1.1	0.8	1.0	1.8	1.5	1.6	1.8	2.1	1.6	2.2	+0.6
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	3.8	3.4	3.1	2.1	1.6	1.3	1.3	1.6	1.9	2.0	2.2	2.6	2.8	2.5	-0.3
Black	—	—	—	—	—	—	—	—	—	—	—	—	1.9	2.5	2.0	1.3	1.0	0.6	0.6	0.9	1.0	0.7	0.5	0.3	0.4	0.5	+0.1
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	5.5	3.7	3.2	4.2	3.4	2.7	2.5	2.4	3.1	4.1	4.2	3.9	3.5	3.4	-0.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of five forms in 1986; N is one-fifth of N indicated in Table D-59. Data based on two forms in 1987–89; N is two-fifths of N indicated in 1987–88 and two-sixths of N indicated in 1989 in Table D-59. Data based on six questionnaire forms beginning in 1990.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-21
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.0	1.2	1.3	1.7	2.1	2.5	2.2	2.4	2.3	1.9	-0.4	2.1	1.7	1.8	2.4	3.0	3.5	4.1	4.0	4.4	3.8	-0.6
Gender:																						
Male	1.1	1.2	1.5	1.7	2.0	2.2	2.5	2.3	2.3	1.9	-0.4	2.0	1.9	2.2	2.7	3.1	3.7	4.1	4.1	4.6	4.2	-0.4
Female	0.8	1.2	1.2	1.8	2.2	2.6	1.9	2.4	2.2	1.8	-0.4	2.1	1.5	1.4	2.1	2.9	3.3	4.0	3.8	4.1	3.4	-0.8
College Plans:																						
None or under 4 yrs.	2.7	4.2	4.1	5.6	5.9	6.6	6.0	7.7	7.1	6.1	-1.0	4.4	3.3	4.5	5.9	6.3	8.4	9.0	9.3	10.5	8.3	-2.2
Complete 4 yrs.	0.6	0.7	0.9	1.2	1.6	1.8	1.7	1.8	1.7	1.4	-0.2	1.6	1.3	1.3	1.7	2.5	2.7	3.2	3.0	3.4	3.0	-0.3
Region:																						
Northeast	1.2	0.7	0.9	1.9	1.8	2.1	1.6	1.4	1.7	1.1	-0.6	1.3	1.0	1.8	2.0	2.2	2.2	2.5	4.3	4.1	2.5	-1.6
North Central	0.6	1.0	0.7	0.9	2.0	2.4	2.0	1.9	2.2	2.3	+0.1	1.6	1.3	1.3	1.8	2.5	3.4	3.4	3.1	3.9	4.0	+0.1
South	1.0	1.5	1.6	2.0	2.0	2.3	2.1	3.1	2.6	1.7	-0.9	1.9	1.6	1.7	2.2	2.9	3.5	4.8	3.7	4.7	3.9	-0.8
West	1.3	1.5	2.1	2.0	2.7	3.1	2.9	2.5	2.2	2.5	+0.3	3.4	3.1	3.2	4.3	4.8	5.2	5.3	5.2	4.6	4.6	0.0
Population Density:																						
Large MSA	0.9	1.1	1.0	1.6	2.0	2.5	1.7	1.8	1.8	1.6	-0.2	1.6	1.5	1.4	1.9	2.8	3.3	3.9	3.8	3.7	3.7	+0.1
Other MSA	0.9	1.4	1.8	2.1	2.1	2.6	2.2	2.5	2.3	1.8	-0.5	2.6	2.0	2.0	2.7	3.1	3.9	3.8	4.0	4.5	3.7	-0.8
Non-MSA	1.1	0.9	0.7	1.2	2.2	2.2	2.5	2.8	2.8	2.5	-0.3	1.4	1.4	1.9	2.5	3.1	3.2	4.9	4.2	4.8	4.0	-0.8
Parental Education:[a]																						
1.0-2.0 (Low)	2.1	2.7	2.2	3.1	4.3	3.2	3.5	4.7	5.1	4.2	-0.8	3.1	2.7	2.7	3.1	5.0	6.1	5.5	6.7	7.6	6.3	-1.3
2.5-3.0	1.2	1.1	1.5	2.0	2.0	2.6	2.4	2.5	2.8	2.1	-0.7	2.2	1.6	2.0	2.6	3.6	3.6	4.3	4.5	5.1	4.4	-0.7
3.5-4.0	0.6	1.0	1.5	1.9	2.2	2.8	2.1	2.4	2.3	1.9	-0.5	2.2	2.0	2.2	2.7	3.3	3.8	4.6	4.0	4.2	4.0	-0.2
4.5-5.0	0.6	0.8	0.8	1.1	1.6	2.4	1.9	1.8	1.3	1.4	0.0	1.6	1.3	1.4	1.8	2.2	3.0	3.3	3.0	3.5	3.0	-0.6
5.5-6.0 (High)	1.0	1.2	0.8	1.2	2.0	1.9	1.7	1.8	1.8	1.3	-0.5	1.8	1.3	0.9	1.6	1.7	2.8	2.9	2.5	3.5	2.7	-0.8
Race (2-year average):[b]																						
White	—	0.9	1.0	1.2	1.8	2.4	2.5	2.2	2.1	1.9	-0.1	—	1.9	1.8	1.9	2.6	3.2	3.7	4.1	4.3	4.1	-0.2
Black	—	0.6	0.5	0.6	0.5	0.4	0.3	0.5	0.7	0.6	-0.1	—	0.5	0.5	0.9	0.8	0.6	0.6	0.9	0.8	0.5	-0.3
Hispanic	—	2.6	3.3	4.0	4.3	4.1	3.3	4.0	4.9	3.9	-1.0	—	3.4	3.4	4.6	5.2	6.1	7.5	7.0	6.8	7.1	+0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-22
Other Cocaine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	9.8	7.4	5.2	4.6	3.2	2.6	2.9	3.0	3.4	4.2	5.0	4.9	5.8	4.5	-1.4s
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	10.1	8.0	6.5	5.8	3.7	3.1	3.7	3.7	4.0	4.9	5.7	5.6	7.1	5.5	-1.6
Female	—	—	—	—	—	—	—	—	—	—	—	—	9.1	6.2	4.0	3.2	2.4	2.0	2.0	2.3	2.5	3.2	4.0	3.9	4.2	3.4	-0.9
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	9.8	6.0	7.3	6.3	4.0	4.0	3.9	4.3	4.5	5.7	7.0	8.9	7.6	6.7	-0.9
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	8.3	6.7	4.2	3.7	2.8	2.0	2.5	2.5	2.9	3.5	4.1	3.5	5.2	3.7	-1.4s
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	12.9	7.0	4.9	5.6	3.4	2.8	2.3	2.8	4.2	5.2	5.9	4.7	4.1	3.7	-0.4
North Central	—	—	—	—	—	—	—	—	—	—	—	—	8.2	5.6	4.8	3.7	2.9	2.2	2.3	3.5	2.7	3.2	4.1	5.3	5.7	4.5	-1.2
South	—	—	—	—	—	—	—	—	—	—	—	—	5.8	5.8	4.6	4.1	2.8	2.5	2.6	2.6	3.1	4.2	4.6	4.9	6.6	4.0	-2.6s
West	—	—	—	—	—	—	—	—	—	—	—	—	15.3	13.4	7.5	6.1	3.9	3.1	4.6	3.5	4.0	4.5	6.2	4.4	6.1	5.9	-0.3
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	13.3	9.8	5.6	5.0	3.7	3.1	2.6	2.6	3.7	3.9	4.2	4.8	4.8	3.7	-1.1
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	8.9	7.8	5.4	4.7	3.3	2.5	3.6	3.5	3.3	4.4	5.2	4.9	6.0	4.5	-1.5
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	8.0	4.5	4.4	4.1	2.5	2.3	2.0	2.6	3.1	4.2	5.6	4.9	6.7	5.4	-1.3
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	5.3	4.9	3.3	3.4	3.5	3.7	3.9	2.7	2.9	5.2	6.4	5.5	7.4	5.4	-1.9
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	10.5	6.5	4.6	5.0	3.5	2.3	2.3	3.2	3.4	3.8	4.9	5.3	5.0	3.8	-1.2
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	10.5	7.2	5.1	4.7	3.2	2.6	3.3	3.4	3.6	4.6	4.9	5.3	6.9	4.7	-2.2s
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	9.0	7.7	6.1	4.1	2.7	2.3	2.9	2.6	3.2	3.9	4.4	4.2	5.5	4.5	-1.1
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	9.7	9.0	6.5	5.4	2.4	2.0	1.7	3.1	2.7	3.8	4.8	3.5	3.6	4.2	+0.7
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	9.3	7.0	5.3	4.2	2.9	2.6	2.9	3.3	3.9	5.0	5.6	6.0	5.7	-0.2
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	1.4	0.7	1.0	1.0	0.7	0.8	0.8	0.7	0.7	0.6	0.8	1.0	+0.2
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	6.3	5.1	5.1	5.0	4.3	5.1	5.1	4.0	5.6	6.9	6.0	5.8	6.6	+0.8

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one form in 1987–89; N is one-fifth of N indicated in 1987–88 and one-sixth of N indicated in 1989 in Table D-59. Data based on four of six forms in 1990–99; N is four-sixths of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-23
Heroin: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995[a]	1996[a]	1997[a]	1998[a]	1999[a]	2000	'99–'00 change	1991	1992	1993	1994	1995[a]	1996[a]	1997[a]	1998[a]	1999[a]	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	0.7	0.7	0.7	1.2	1.4	1.6	1.3	1.3	1.4	1.1	-0.3s	0.5	0.6	0.7	0.9	1.1	1.2	1.4	1.4	1.4	1.4	0.0
Gender:																						
Male	0.9	0.8	0.8	1.3	1.6	1.5	1.4	1.5	1.4	1.0	-0.5s	0.7	0.8	0.9	1.0	1.3	1.5	1.6	1.7	1.7	1.5	-0.3
Female	0.5	0.7	0.5	0.9	1.2	1.5	1.1	1.1	1.3	1.2	-0.1	0.4	0.4	0.4	0.8	0.8	0.9	1.3	1.1	1.2	1.2	+0.1
College Plans:																						
None or under 4 yrs.	2.1	2.7	2.0	3.9	4.4	4.1	3.4	5.0	3.7	3.5	-0.2	1.4	1.4	1.9	2.0	2.2	2.4	2.9	2.7	3.4	3.8	+0.4
Complete 4 yrs.	0.4	0.4	0.5	0.7	1.0	1.1	1.1	0.9	1.1	0.8	-0.3s	0.3	0.4	0.4	0.7	0.9	1.0	1.2	1.2	1.1	1.0	-0.1
Region:																						
Northeast	0.5	0.6	0.7	1.3	1.4	1.8	1.1	1.1	1.3	1.1	-0.2	0.4	0.6	0.6	0.6	0.9	0.9	1.3	1.8	1.9	1.5	-0.5
North Central	0.4	0.8	0.5	1.1	1.4	1.6	1.4	1.3	1.6	1.4	-0.3	0.6	0.6	0.8	0.9	1.0	1.5	1.5	1.4	1.3	1.6	+0.3
South	0.8	0.7	0.7	1.1	1.5	1.4	1.2	1.4	1.4	0.7	-0.7ss	0.6	0.5	0.6	1.0	1.3	1.4	1.5	1.3	1.4	1.5	+0.2
West	1.0	0.7	1.1	1.1	1.2	1.6	1.4	1.3	1.2	1.4	+0.1	0.4	0.8	0.5	1.2	1.0	1.0	1.3	1.1	1.1	0.7	-0.4
Population Density:																						
Large MSA	0.5	0.7	0.7	1.2	1.2	1.4	1.0	1.0	1.3	1.0	-0.2	0.6	0.6	0.7	0.8	1.0	1.1	1.6	1.2	1.2	1.8	+0.6
Other MSA	0.7	0.8	0.9	1.2	1.5	1.7	1.3	1.3	1.4	1.1	-0.3	0.5	0.6	0.6	0.9	1.0	1.3	1.3	1.5	1.4	1.2	-0.2
Non-MSA	0.8	0.7	0.4	1.0	1.5	1.5	1.5	1.6	1.5	1.0	-0.5	0.4	0.6	0.7	1.0	1.3	1.2	1.6	1.5	1.6	1.2	-0.4
Parental Education:[b]																						
1.0-2.0 (Low)	1.5	1.4	0.8	2.0	2.6	2.0	2.3	3.5	2.8	1.7	-1.1	0.4	0.5	1.2	1.3	1.8	1.0	1.3	1.7	2.4	1.3	-1.1
2.5-3.0	0.9	0.7	0.6	1.1	1.0	1.7	1.4	1.2	1.4	1.5	0.0	0.8	0.7	0.7	0.8	1.0	1.2	1.3	1.2	1.5	1.7	+0.2
3.5-4.0	0.6	0.6	0.7	1.3	1.6	1.7	1.0	1.1	1.2	0.7	-0.5s	0.5	0.6	0.8	0.9	1.2	1.3	1.6	1.6	1.2	1.5	+0.3
4.5-5.0	0.4	0.5	0.8	0.8	1.2	1.4	1.1	1.1	1.1	0.8	-0.3	0.4	0.5	0.3	0.9	0.9	1.1	1.5	1.3	1.4	1.3	-0.1
5.5-6.0 (High)	0.5	0.8	0.6	1.3	1.6	1.0	1.5	1.4	1.8	1.0	-0.8	0.4	0.5	0.8	0.9	0.9	1.5	1.1	1.3	1.2	1.1	-0.1
Race (2-year average):[c]																						
White	—	0.6	0.6	0.8	1.2	1.6	1.6	1.3	1.2	1.2	0.0	—	0.6	0.7	0.8	1.0	1.2	1.4	1.4	1.5	1.5	0.0
Black	—	0.4	0.3	0.6	0.7	0.5	0.4	0.5	0.7	0.5	-0.2	—	0.3	0.4	0.6	0.6	0.2	0.2	0.4	0.5	0.5	0.0
Hispanic	—	1.4	1.4	1.5	1.8	2.1	1.7	1.7	2.2	2.0	-0.3	—	0.7	0.7	0.7	1.0	1.0	1.3	1.6	1.7	1.4	-0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] In 1995, the heroin question was changed in half of the forms. Separate questions were asked for use with injection and without injection. In 1996, the remaining form was also changed. Data presented here represent the combined data from all forms.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-24
Heroin: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995[a]	Class of 1996[a]	Class of 1997[a]	Class of 1998[a]	Class of 1999[a]	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	1.0	0.8	0.8	0.8	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.6	1.1	1.0	1.2	1.0	1.1	1.5	+0.4s
Gender:																											
Male	1.2	1.0	1.2	1.1	0.6	0.6	0.6	0.8	0.7	0.7	0.8	0.7	0.7	0.7	0.9	0.6	0.6	0.8	0.7	0.8	1.4	1.3	1.5	1.4	1.4	1.7	+0.4
Female	0.8	0.5	0.4	0.6	0.3	0.4	0.3	0.4	0.4	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.8	0.7	0.9	0.7	0.8	1.2	+0.4s
College Plans:																											
None or under 4 yrs.	—	0.9	1.1	1.0	0.7	0.6	0.5	0.7	0.9	0.6	0.7	0.8	0.5	0.8	0.9	0.6	0.5	0.9	1.0	1.1	1.5	1.8	1.8	1.7	1.3	2.2	+0.9s
Complete 4 yrs	—	0.6	0.5	0.6	0.3	0.3	0.5	0.4	0.3	0.4	0.5	0.4	0.4	0.3	0.5	0.4	0.4	0.5	0.4	0.5	0.9	0.8	1.0	0.8	1.0	1.1	+0.1
Region:																											
Northeast	1.1	0.7	0.7	0.6	0.6	0.5	0.5	0.9	0.6	0.6	0.8	0.7	0.6	0.5	0.9	0.8	0.2	0.5	0.9	0.7	1.0	1.6	1.7	1.3	1.2	1.0	-0.1
North Central	1.3	1.0	1.0	0.8	0.5	0.7	0.6	0.5	0.4	0.6	0.6	0.4	0.6	0.3	0.6	0.3	0.8	0.6	0.5	0.9	0.7	0.7	0.9	1.0	0.9	1.4	+0.5
South	0.9	0.7	0.9	1.1	0.6	0.3	0.5	0.5	0.7	0.5	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.6	0.4	0.6	1.4	1.0	1.1	1.1	1.3	1.6	+0.3
West	0.7	0.6	0.5	0.8	0.2	0.4	0.5	0.3	0.5	0.4	0.3	0.5	0.5	0.7	0.7	0.3	0.3	0.8	0.5	0.4	1.0	0.9	1.2	0.6	0.9	1.8	+0.9s
Population Density:																											
Large MSA	1.3	1.0	0.5	0.7	0.4	0.3	0.3	0.7	0.6	0.6	0.7	0.7	0.3	0.4	0.5	0.4	0.4	0.4	0.6	0.4	1.4	1.1	1.1	0.9	0.8	1.9	+1.1sss
Other MSA	0.9	1.0	0.8	0.8	0.6	0.5	0.5	0.4	0.4	0.4	0.7	0.4	0.6	0.5	0.7	0.5	0.4	0.7	0.5	0.8	0.9	1.1	1.3	1.3	1.3	1.3	0.0
Non-MSA	1.0	0.4	1.1	1.0	0.5	0.6	0.7	0.6	0.7	0.7	0.4	0.5	0.5	0.5	0.8	0.5	0.6	0.7	0.5	0.5	1.0	0.9	1.0	0.6	1.0	1.3	+0.2
Parental Education:[b]																											
1.0-2.0 (Low)	1.2	0.8	0.8	0.8	0.6	0.6	0.4	0.4	0.5	0.6	0.8	0.9	0.5	0.5	0.9	0.8	0.5	0.7	0.3	0.9	1.8	1.1	2.1	1.2	2.3	2.3	0.0
2.5-3.0	0.8	0.9	0.8	0.9	0.5	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.7	0.7	0.4	0.4	0.6	0.4	0.8	1.1	0.9	1.0	1.0	0.9	1.6	+0.7s
3.5-4.0	0.6	0.8	0.9	0.7	0.4	0.4	0.5	0.3	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.4	0.4	0.6	0.6	0.4	0.9	1.1	1.2	1.2	1.0	1.3	+0.4
4.5-5.0	1.2	1.4	0.6	0.9	0.6	0.4	0.3	0.6	0.4	0.4	0.7	0.3	0.3	0.3	0.6	0.4	0.6	0.7	0.7	0.3	1.1	1.0	1.1	1.0	1.1	1.5	+0.4
5.5-6.0 (High)	1.2	0.6	1.1	1.0	0.8	0.4	0.7	1.1	0.8	0.5	0.6	0.5	0.7	0.4	0.4	0.5	0.5	0.3	0.4	0.9	1.0	0.8	1.1	0.7	1.1	1.1	0.0
Race (2-year average):[c]																											
White	—	—	0.8	0.8	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.6	0.5	0.5	0.5	0.5	0.8	1.0	1.2	1.2	1.1	1.3	+0.2
Black	—	—	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.4	0.5	0.5	0.5	0.7	0.6	0.3	0.2	0.5	0.4	0.3	0.4	0.5	0.5	0.4	0.3	0.5	+0.2
Hispanic	—	—	1.2	2.0	1.7	0.4	0.3	0.4	0.6	1.1	1.0	0.9	0.9	0.5	0.5	0.6	0.6	0.9	0.7	0.5	1.2	1.5	1.1	0.8	1.0	2.0	+1.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] In 1995, the heroin question was changed in half of the forms. Separate questions were asked for use with injection and without injection. Data presented here represent the combined data from all forms.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-25
Heroin with a Needle: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	—	—	—	—	0.9	1.0	0.8	0.8	0.9	0.6	-0.3ss	—	—	—	—	0.6	0.7	0.7	0.8	0.6	0.5	-0.1
Gender:																						
Male	—	—	—	—	1.2	1.0	0.8	1.0	1.0	0.7	-0.3	—	—	—	—	0.8	0.8	0.9	1.0	0.8	0.6	-0.3
Female	—	—	—	—	0.5	1.0	0.7	0.7	0.8	0.6	-0.3	—	—	—	—	0.4	0.4	0.5	0.5	0.5	0.4	-0.1
College Plans:																						
None or under 4 yrs.	—	—	—	—	3.2	3.1	2.0	3.1	2.2	2.1	-0.1	—	—	—	—	1.6	1.4	1.5	1.6	1.7	1.7	0.0
Complete 4 yrs.	—	—	—	—	0.6	0.7	0.6	0.6	0.7	0.5	-0.3s	—	—	—	—	0.4	0.5	0.6	0.6	0.5	0.3	-0.1
Region:																						
Northeast	—	—	—	—	0.8	1.3	0.5	0.6	1.0	0.8	-0.2	—	—	—	—	0.5	0.3	0.6	0.8	0.7	0.5	-0.2
North Central	—	—	—	—	0.9	1.1	0.7	0.9	1.2	0.9	-0.3	—	—	—	—	0.6	1.0	0.8	0.9	0.7	0.5	-0.2
South	—	—	—	—	0.8	0.9	0.8	1.0	0.9	0.3	-0.6sss	—	—	—	—	0.6	0.7	0.8	0.8	0.6	0.6	0.0
West	—	—	—	—	1.0	1.0	1.0	0.8	0.7	0.8	+0.1	—	—	—	—	0.5	0.5	0.6	0.6	0.6	0.4	-0.2
Population Density:																						
Large MSA	—	—	—	—	0.9	0.7	0.6	0.8	0.8	0.7	-0.1	—	—	—	—	0.5	0.5	0.6	0.7	0.6	0.6	0.0
Other MSA	—	—	—	—	0.9	1.2	0.8	0.8	0.9	0.6	-0.3s	—	—	—	—	0.5	0.7	0.6	0.7	0.5	0.4	-0.1
Non-MSA	—	—	—	—	0.9	1.1	0.9	1.1	1.1	0.7	-0.5	—	—	—	—	0.8	0.8	1.1	1.0	1.0	0.6	-0.4
Parental Education:[a]																						
1.0-2.0 (Low)	—	—	—	—	1.3	0.9	1.5	2.3	2.0	1.2	-0.7	—	—	—	—	1.6	0.6	0.7	1.3	1.2	1.0	-0.2
2.5-3.0	—	—	—	—	0.5	1.2	0.8	0.8	0.9	0.5	-0.4	—	—	—	—	0.5	0.8	0.6	0.6	0.7	0.8	+0.1
3.5-4.0	—	—	—	—	0.8	1.2	0.6	0.6	0.9	0.4	-0.5s	—	—	—	—	0.7	0.7	0.9	0.9	0.6	0.5	-0.1
4.5-5.0	—	—	—	—	1.0	0.8	0.7	0.7	0.5	0.4	-0.1	—	—	—	—	0.4	0.5	0.7	0.6	0.6	0.3	-0.3
5.5-6.0 (High)	—	—	—	—	1.0	0.6	0.9	0.9	1.2	0.9	-0.3	—	—	—	—	0.3	0.6	0.7	0.8	0.6	0.3	-0.3
Race (2-year average):[b]																						
White	—	—	—	—	—	1.1	1.0	0.7	0.8	0.7	-0.1	—	—	—	—	—	0.6	0.7	0.7	0.6	0.5	-0.1
Black	—	—	—	—	—	0.3	0.2	0.3	0.4	0.3	-0.1	—	—	—	—	—	0.1	0.1	0.3	0.3	0.3	0.0
Hispanic	—	—	—	—	—	1.1	1.0	1.1	1.5	1.2	-0.3	—	—	—	—	—	0.6	0.6	0.8	1.0	0.9	-0.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of two forms in 1995; N is one-half of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-26
Heroin with a Needle: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	0.5	0.5	0.4	0.4	0.4	0.0
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.7	0.9	0.9	0.6	0.6	0.6	0.0
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.3	0.1	0.2	0.3	0.2	0.2	0.0
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	1.2	0.9	0.8	0.5	1.0	+0.5
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.4	0.4	0.3	0.4	0.2	-0.2
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.6	0.6	0.7	0.3	0.2	-0.1
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	0.4	0.8	0.4	0.5	0.4	-0.1
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.6	0.3	0.5	0.4	0.8	+0.3
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	0.5	0.5	0.1	0.3	0.1	-0.2
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.7	0.3	0.3	0.4	0.8	+0.4
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.5	0.6	0.5	0.3	0.3	-0.1
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.3	0.7	0.5	0.6	0.3	-0.3
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.7	0.9	1.8	0.8	1.5	1.2	-0.4
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.5	0.4	0.5	0.1	0.4	+0.3
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2	0.3	0.3	0.4	0.5	0.2	-0.3
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	0.7	0.6	0.4	0.3	0.4	+0.1
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.5	0.5	0.2	0.4	0.2	-0.2
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.4	0.5	0.5	0.4	0.3	-0.1
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2	0.5	0.4	0.2	0.5	+0.3
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	0.7	0.5	0.6	1.0	+0.4

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on three of six forms; N is one-half of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-27
Heroin without a Needle: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	—	—	—	—	0.8	1.0	0.8	0.8	0.9	0.7	-0.2	—	—	—	—	0.8	0.9	1.1	1.0	1.1	1.1	0.0
Gender:																						
Male	—	—	—	—	1.0	0.9	0.9	0.9	0.8	0.5	-0.3s	—	—	—	—	0.9	1.1	1.2	1.2	1.3	1.1	-0.2
Female	—	—	—	—	0.6	0.9	0.7	0.8	0.8	0.8	0.0	—	—	—	—	0.7	0.7	1.0	0.8	1.0	1.0	+0.1
College Plans:																						
None or under 4 yrs.	—	—	—	—	3.2	2.1	2.2	3.4	2.7	2.4	-0.3	—	—	—	—	1.7	1.8	2.1	1.8	2.5	2.7	+0.2
Complete 4 yrs.	—	—	—	—	0.5	0.7	0.7	0.6	0.6	0.5	-0.2	—	—	—	—	0.6	0.7	1.0	0.9	0.8	0.8	0.0
Region:																						
Northeast	—	—	—	—	0.9	1.1	0.8	0.7	0.7	0.6	-0.1	—	—	—	—	0.5	0.7	1.0	1.4	1.6	1.2	-0.4
North Central	—	—	—	—	1.0	1.0	0.9	0.9	1.0	0.8	-0.2	—	—	—	—	0.5	0.8	1.2	0.7	1.0	1.2	+0.2
South	—	—	—	—	0.8	0.8	0.7	0.9	0.9	0.5	-0.3s	—	—	—	—	1.1	1.1	1.2	1.0	1.0	1.3	+0.3
West	—	—	—	—	0.7	1.1	1.1	0.9	0.9	0.8	-0.1	—	—	—	—	0.9	0.9	1.0	0.8	0.8	0.5	-0.3
Population Density:																						
Large MSA	—	—	—	—	0.9	1.0	0.6	0.5	0.8	0.7	-0.2	—	—	—	—	0.9	0.9	1.3	0.8	0.9	1.5	+0.6s
Other MSA	—	—	—	—	0.8	1.0	0.9	1.0	0.8	0.8	0.0	—	—	—	—	0.7	1.0	1.0	1.1	1.2	1.0	-0.2
Non-MSA	—	—	—	—	0.9	0.9	1.0	1.0	1.1	0.5	-0.6ss	—	—	—	—	0.9	0.7	1.1	1.0	1.2	0.9	-0.4
Parental Education:[a]																						
1.0-2.0 (Low)	—	—	—	—	1.9	1.5	1.3	2.4	1.7	1.1	-0.6	—	—	—	—	1.7	0.8	0.9	1.2	1.8	1.1	-0.8
2.5-3.0	—	—	—	—	0.7	0.9	1.1	0.7	1.0	1.3	+0.3	—	—	—	—	0.6	0.7	1.0	1.0	1.1	1.1	0.0
3.5-4.0	—	—	—	—	0.5	1.2	0.5	0.8	0.6	0.5	-0.1	—	—	—	—	0.9	1.0	1.3	1.2	0.9	1.3	+0.4
4.5-5.0	—	—	—	—	0.8	0.8	0.8	0.6	0.8	0.5	-0.3	—	—	—	—	0.5	0.8	1.1	1.0	1.0	1.0	-0.1
5.5-6.0 (High)	—	—	—	—	0.7	0.8	1.0	1.1	1.1	0.3	-0.8ss	—	—	—	—	0.9	1.1	1.0	0.7	1.1	1.1	0.0
Race (2-year average):[b]																						
White	—	—	—	—	—	1.0	1.0	0.8	0.8	0.8	0.0	—	—	—	—	—	0.9	1.0	1.1	1.1	1.2	+0.1
Black	—	—	—	—	—	0.2	0.2	0.4	0.5	0.3	-0.2	—	—	—	—	—	0.1	0.1	0.2	0.3	0.3	+0.1
Hispanic	—	—	—	—	—	1.5	1.2	1.1	1.4	1.1	-0.2	—	—	—	—	—	0.8	1.1	1.4	1.3	0.9	-0.4

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of two forms in 1995; N is one-half of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-28
Heroin without a Needle: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	1.0	1.2	0.8	1.0	1.6	+0.6ss
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	1.3	1.4	1.0	1.3	1.8	+0.5
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.7	0.7	0.9	0.7	0.8	1.5	+0.7s
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	1.7	1.6	1.3	1.5	2.7	+1.2
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.8	1.0	0.6	1.0	1.3	+0.3
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	1.9	1.9	1.1	1.3	0.9	-0.4
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.7	0.5	1.0	0.6	0.7	1.6	+0.9s
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	0.9	1.1	1.1	1.2	1.8	+0.7
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	0.7	0.6	0.3	1.0	2.0	+1.0
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.1	1.2	0.9	0.9	2.5	+1.6sss
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.2	1.1	0.9	1.2	1.2	-0.1
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	0.4	1.2	0.4	0.8	1.4	+0.6
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	0.8	1.7	0.5	2.0	2.7	+0.7
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	0.6	0.8	1.1	1.1	1.8	+0.7
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	1.1	1.3	0.9	0.8	1.7	+0.9s
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	1.2	1.2	0.8	1.1	1.6	+0.5
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	1.0	1.0	0.5	1.0	0.6	-0.4
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.3	1.2	1.1	1.4	+0.3
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2	0.3	0.3	0.1	0.4	+0.3
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.6	0.4	0.6	1.8	+1.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on three of six forms; N is one-half of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-29
Other Narcotics: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months[a]																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	5.7	5.7	6.4	6.0	6.2	6.3	5.9	5.3	5.1	5.2	5.9	5.2	5.3	4.6	4.4	4.5	3.5	3.3	3.6	3.8	4.7	5.4	6.2	6.3	6.7	7.0	+0.3
Gender:																											
Male	6.6	6.8	7.3	6.9	7.3	7.1	6.5	6.0	6.0	6.2	6.8	5.9	5.6	5.1	4.9	5.0	3.9	3.3	3.6	4.3	5.6	6.4	7.1	7.4	8.2	8.0	-0.2
Female	4.8	4.7	5.4	5.1	5.1	5.4	5.3	4.6	4.2	4.2	5.1	4.6	4.9	4.1	3.8	3.9	3.1	3.3	3.3	3.4	3.8	4.4	5.4	5.1	5.2	5.9	+0.7
College Plans:																											
None or under 4 yrs.	—	6.8	8.0	6.8	7.3	7.4	7.2	6.1	6.1	6.1	6.6	6.7	6.1	4.8	5.3	5.7	3.8	4.3	4.2	4.9	5.6	7.0	8.2	8.4	7.0	7.8	+0.8
Complete 4 yrs.	—	4.6	4.7	4.9	5.0	5.1	4.8	4.6	4.3	4.3	5.4	4.3	4.8	4.6	3.9	4.0	3.5	3.0	3.3	3.5	4.4	4.9	5.7	5.5	6.6	6.6	0.0
Region:																											
Northeast	6.1	6.5	6.6	6.8	7.0	5.7	7.2	5.6	5.6	6.7	7.3	5.7	6.0	3.7	4.7	4.1	3.2	3.7	4.6	3.5	4.3	6.1	7.8	6.5	6.2	6.7	+0.5
North Central	6.2	6.2	7.5	6.7	6.1	7.6	6.2	5.5	5.3	4.8	6.3	5.8	5.2	4.4	5.7	4.6	4.2	3.6	3.2	4.7	5.2	6.0	6.1	6.5	7.5	7.2	-0.3
South	4.9	5.0	5.2	4.5	5.2	5.0	4.1	4.5	4.4	4.5	3.8	4.2	4.3	4.7	3.2	4.1	2.7	2.7	3.2	3.8	4.5	5.1	6.1	6.5	7.5	6.6	-0.9
West	5.4	5.0	6.0	6.7	7.1	6.8	7.2	6.2	5.2	5.3	7.1	5.4	6.1	5.7	4.9	5.3	4.4	3.5	4.0	3.1	4.7	4.1	4.7	5.2	4.7	7.5	+2.9ss
Population Density:																											
Large MSA	7.3	6.7	6.7	6.9	7.3	6.9	6.9	5.2	6.0	5.2	6.0	4.8	5.2	4.0	4.1	3.8	3.3	3.5	3.1	4.1	4.8	4.6	4.6	5.2	5.4	7.0	+1.5
Other MSA	5.5	6.1	6.3	5.9	6.3	7.0	6.3	5.7	5.3	5.1	6.4	5.6	5.3	5.2	4.9	4.6	3.9	3.1	3.7	3.7	4.7	5.4	7.2	6.8	7.4	7.2	-0.3
Non-MSA	4.8	4.6	6.2	5.4	5.3	4.8	4.8	4.9	4.1	5.2	5.2	5.0	5.2	4.4	3.8	4.8	3.1	3.6	3.7	3.6	4.7	6.0	6.0	6.5	6.8	6.6	-0.2
Parental Education:[b]																											
1.0-2.0 (Low)	5.4	5.0	5.1	5.0	5.2	5.2	4.8	4.8	4.8	4.7	4.5	4.7	4.1	3.9	3.6	3.8	3.8	3.5	3.8	3.0	4.0	4.5	4.7	4.7	4.6	4.6	-0.1
2.5-3.0	5.1	5.9	6.4	6.2	5.9	5.8	5.6	4.9	5.0	5.2	5.5	5.0	4.4	4.3	4.0	4.1	3.2	3.5	2.9	3.8	4.2	5.6	5.3	5.9	5.9	6.4	+0.5
3.5-4.0	4.2	6.3	6.7	6.0	6.3	6.9	6.6	5.2	4.5	5.1	6.5	6.0	5.6	4.3	4.6	4.6	3.7	3.2	3.7	3.4	4.4	5.5	6.5	6.8	7.2	7.3	+0.1
4.5-5.0	6.4	6.3	6.6	6.4	6.7	7.0	6.3	6.4	6.0	5.6	6.4	4.8	5.4	5.4	4.2	4.7	3.6	3.4	3.7	4.3	5.5	5.4	6.8	6.2	7.4	7.9	+0.5
5.5-6.0 (High)	6.5	6.5	7.9	6.1	7.8	6.8	6.8	7.1	5.3	4.9	6.8	5.4	7.8	5.6	6.4	5.7	4.1	3.2	4.5	4.8	5.5	5.6	7.6	6.6	7.4	7.5	+0.1
Race (2-year average):[c]																											
White	—	—	6.6	6.7	6.6	6.8	6.7	6.2	5.8	5.7	6.3	6.3	6.0	5.8	5.3	5.2	4.7	4.1	4.1	4.3	5.0	5.9	7.1	7.6	7.7	8.3	+0.6
Black	—	—	2.2	2.0	1.8	1.7	1.9	1.8	1.7	1.6	1.6	1.7	1.6	1.5	1.5	1.4	1.1	0.9	1.0	1.5	1.4	1.2	1.8	2.4	2.0	1.7	-0.4
Hispanic	—	—	3.8	3.5	3.5	3.7	4.3	4.1	4.0	4.2	3.6	3.0	2.4	2.2	2.5	2.4	2.3	2.1	2.3	2.2	2.5	3.7	3.1	2.8	3.6	4.6	+1.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Only drug use which was not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-30

Amphetamines: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months[a]

	8th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*	
Total	6.2	6.5	7.2	7.9	8.7	9.1	8.1	7.2	6.9	6.5	-0.4
Gender:											
Male	5.5	5.2	5.6	6.5	7.0	6.7	6.6	5.6	5.6	5.1	-0.5
Female	6.9	7.9	8.8	9.3	10.3	11.3	9.6	8.7	8.2	7.7	-0.6
College Plans:											
None or under 4 yrs.	11.6	12.9	14.6	14.5	17.1	15.5	14.1	15.4	14.0	14.2	+0.2
Complete 4 yrs.	5.4	5.7	6.3	7.0	7.6	8.3	7.5	6.3	6.2	5.7	-0.5
Region:											
Northeast	5.1	4.3	5.9	6.9	7.3	7.6	6.5	5.5	5.6	5.0	-0.6
North Central	7.1	8.0	7.3	7.8	10.6	10.8	9.3	7.2	8.3	7.8	-0.6
South	6.1	6.6	7.3	8.3	8.6	8.7	8.1	8.4	7.5	7.0	-0.5
West	6.0	6.6	8.6	8.4	7.9	9.1	8.3	6.7	5.4	5.4	0.0
Population Density:											
Large MSA	5.8	4.8	5.6	6.6	7.2	7.9	6.4	5.4	5.2	5.2	0.0
Other MSA	6.2	7.5	8.2	8.8	8.9	10.0	8.1	7.4	6.8	6.4	-0.4
Non-MSA	6.7	7.0	7.5	7.5	10.1	8.9	9.9	8.8	9.3	8.5	-0.8
Parental Education:[b]											
1.0-2.0 (Low)	8.3	8.4	10.2	11.2	11.8	10.1	9.6	11.2	8.9	9.7	+0.9
2.5-3.0	6.6	7.3	8.2	9.0	10.6	9.9	9.2	8.1	7.8	8.1	+0.3
3.5-4.0	6.7	7.4	7.8	8.5	10.1	10.3	8.9	7.7	8.2	6.8	-1.4
4.5-5.0	5.3	5.5	6.4	6.6	6.8	8.6	7.5	6.2	5.6	5.2	-0.4
5.5-6.0 (High)	5.7	5.4	5.3	5.7	6.4	8.7	7.3	6.4	5.8	5.2	-0.6
Race (2-year average):[c]											
White	—	6.8	7.4	8.1	9.3	10.2	9.9	9.0	8.4	8.0	-0.4
Black	—	3.3	3.4	3.9	3.9	3.4	3.0	2.8	2.7	2.4	-0.3
Hispanic	—	7.2	7.7	8.6	8.7	8.6	8.1	7.2	7.0	6.8	-0.2

	10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	8.2	8.2	9.6	10.2	11.9	12.4	12.1	10.7	10.4	11.1	+0.7
Gender:											
Male	7.0	7.0	8.2	8.6	9.6	10.5	10.3	9.0	9.2	10.3	+1.1
Female	9.3	9.3	10.9	11.7	14.1	14.2	13.9	12.3	11.5	11.8	+0.4
College Plans:											
None or under 4 yrs.	13.4	14.4	15.5	16.6	19.9	20.3	19.3	17.9	16.3	18.2	+1.9
Complete 4 yrs.	7.1	6.9	8.4	8.9	10.6	11.1	10.9	9.5	9.5	10.0	+0.6
Region:											
Northeast	6.1	5.4	7.8	8.7	9.8	11.5	10.7	11.0	12.1	9.8	-2.3
North Central	10.3	9.4	9.5	10.5	13.3	14.0	11.0	9.8	10.3	11.1	+0.7
South	8.1	8.7	10.9	11.2	12.8	12.6	14.2	12.6	10.8	12.0	+1.2
West	7.7	8.4	9.5	9.4	10.6	10.6	11.1	8.5	8.2	10.9	+2.7s
Population Density:											
Large MSA	7.5	6.7	7.6	8.0	9.2	10.5	9.9	8.9	9.3	10.7	+1.5
Other MSA	7.9	8.0	9.5	10.8	12.8	12.8	11.5	10.3	10.6	9.9	-0.6
Non-MSA	9.3	10.0	11.6	11.2	13.3	13.7	15.5	13.8	11.5	13.6	+2.1
Parental Education:[b]											
1.0-2.0 (Low)	10.0	11.9	12.3	10.8	14.3	15.1	12.2	12.6	10.7	13.3	+2.7
2.5-3.0	9.7	8.9	10.5	11.6	14.2	13.0	14.1	12.8	11.3	12.9	+1.7
3.5-4.0	7.9	8.4	10.5	11.1	12.4	14.1	13.5	11.1	11.2	12.2	+1.0
4.5-5.0	7.4	6.6	7.5	8.9	10.7	10.7	10.6	9.0	9.8	9.7	-0.1
5.5-6.0 (High)	6.9	6.9	8.3	7.3	8.8	10.1	9.2	9.4	9.8	8.8	-0.9
Race (2-year average):[c]											
White	—	9.4	10.1	11.0	12.4	13.9	14.2	13.6	12.6	12.7	0.0
Black	—	2.8	3.0	4.0	4.0	3.4	3.1	2.9	2.8	2.5	-0.2
Hispanic	—	6.2	7.0	7.7	8.9	10.3	9.8	8.9	8.8	9.1	+0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Only drug use not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-31

Amphetamines, Adjusted: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months[a]

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	16.2	15.8	16.3	17.1	18.3	20.8	26.0	20.3	17.9	17.7	15.8	13.4	12.2	10.9	10.8	9.1	8.2	7.1	8.4	9.4	9.3	9.5	10.2	10.1	10.2	10.5	+0.3
Gender:																											
Male	15.6	15.8	16.0	16.9	18.4	19.7	24.8	19.6	17.2	16.8	14.9	12.7	11.8	10.8	11.1	9.4	8.3	7.2	8.2	9.2	9.5	9.6	10.1	10.3	10.6	10.4	-0.2
Female	16.5	15.4	16.4	17.1	17.8	21.8	26.9	20.3	17.9	18.2	16.4	13.8	12.4	10.9	10.5	8.6	7.9	6.9	8.5	9.4	8.9	8.8	10.2	9.8	9.6	10.5	+0.9
College Plans:																											
None or under 4 yrs.	—	19.3	20.5	20.0	21.8	25.8	30.9	23.7	20.9	22.2	19.7	17.7	16.0	13.9	15.1	12.6	11.0	9.7	11.0	13.4	12.3	12.8	14.1	13.6	12.7	13.9	+1.2
Complete 4 yrs.	—	11.9	11.5	13.7	14.5	16.5	22.3	16.8	14.5	14.2	13.3	10.9	10.2	9.5	9.1	7.4	7.0	6.1	7.6	8.0	8.3	8.4	8.9	9.0	9.5	9.6	+0.1
Region:																											
Northeast	16.5	14.7	16.8	19.6	22.0	22.0	28.8	21.5	17.9	19.0	16.8	12.6	10.4	8.4	9.0	6.3	6.5	6.2	8.1	7.4	9.6	10.4	11.1	9.0	9.9	10.6	+0.6
North Central	18.7	17.8	19.0	18.2	18.3	22.2	30.1	24.1	20.4	20.3	17.3	15.2	13.5	12.2	13.3	10.7	10.1	8.4	8.9	12.0	9.5	10.0	10.8	11.0	10.5	10.4	-0.1
South	12.6	13.7	13.2	14.0	14.0	17.7	19.6	16.4	15.4	15.1	12.8	11.5	11.5	10.8	9.9	8.9	7.9	6.7	8.3	9.0	9.2	9.1	9.8	10.4	10.8	10.2	-0.6
West	18.5	17.2	16.0	17.8	20.7	22.1	26.6	18.7	18.2	16.9	17.3	15.0	13.4	11.8	11.1	10.2	7.8	6.9	8.3	8.4	8.9	8.3	9.1	9.6	8.8	10.9	+2.1
Population Density:																											
Large MSA	19.6	15.4	15.3	17.7	19.5	21.9	28.0	21.6	18.1	17.7	15.0	11.2	10.9	8.8	7.1	6.5	6.2	6.0	6.5	7.8	9.1	7.9	8.9	9.0	7.0	8.3	+1.3
Other MSA	15.5	16.3	17.1	17.5	18.9	20.8	25.5	20.7	19.6	17.1	15.7	14.2	11.9	11.9	11.4	9.6	8.4	6.7	8.5	9.4	8.5	8.9	9.5	9.9	10.8	10.9	+0.1
Non-MSA	14.8	15.4	15.9	16.0	16.6	19.9	25.1	18.8	15.6	18.5	16.6	14.1	14.0	11.3	13.3	10.6	9.5	9.0	9.8	10.9	10.8	11.9	13.0	12.2	12.4	12.4	0.0
Parental Education:[b]																											
1.0-2.0 (Low)	15.7	13.4	14.5	14.9	16.0	19.1	22.3	18.7	15.7	17.1	14.5	11.9	11.9	9.8	10.4	7.6	9.5	7.0	9.0	10.4	9.9	8.1	9.8	9.7	9.9	11.0	+1.1
2.5-3.0	16.7	16.9	17.4	17.3	18.4	22.2	26.7	21.9	19.6	19.2	17.0	15.2	13.3	11.1	11.7	9.7	9.1	7.7	8.6	10.3	9.9	10.5	10.3	10.6	11.3	11.0	-0.3
3.5-4.0	14.9	16.6	16.1	18.2	19.6	21.5	26.9	21.7	19.4	18.5	17.2	14.3	12.6	11.8	12.3	10.6	8.9	7.7	9.1	9.1	9.1	9.3	10.8	11.4	10.8	10.6	-0.2
4.5-5.0	14.5	16.8	15.9	16.9	17.1	20.0	26.2	19.1	18.9	15.9	15.1	12.0	11.7	10.3	9.4	8.1	6.5	6.3	8.0	9.5	9.2	8.9	9.4	9.4	9.7	10.3	+0.5
5.5-6.0 (High)	12.0	14.6	16.0	17.2	20.4	17.9	26.8	20.5	16.1	14.0	10.9	10.1	10.4	10.0	9.1	7.3	5.7	5.8	7.6	7.1	8.1	9.1	10.2	8.7	8.4	10.2	+1.8
Race (2-year average)[c]																											
White	—	—	17.3	18.2	19.2	21.3	26.4	23.6	22.3	20.5	18.9	16.4	14.3	13.0	12.4	11.4	9.8	8.8	9.0	10.4	10.7	10.5	11.4	12.1	11.9	11.9	0.0
Black	—	—	5.3	4.7	4.2	5.3	5.8	6.0	5.7	4.7	4.3	4.0	3.8	3.9	3.6	3.1	2.7	2.2	2.3	3.4	3.4	2.9	2.8	2.8	2.5	2.6	+0.1
Hispanic	—	—	12.3	12.2	12.8	14.5	17.5	12.3	11.5	13.2	14.6	10.8	8.7	9.6	9.0	7.0	6.1	6.0	6.2	6.4	7.1	7.8	7.3	7.0	7.6	9.2	+1.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Beginning in 1982, the question about amphetamine use was revised to get respondents to exclude the inappropriate reporting of nonprescription amphetamines. The prevalence of use rate dropped slightly as a result of this methodological change. (In 1982 and 1983, these data were based on three of the five questionnaire forms.) Only drug use which was not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-32
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last twelve months																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	—	—	—	—	—	—	—	—	3.2	2.5	-0.7	—	—	—	—	—	—	—	—	4.6	4.0	-0.6
Gender:																						
Male	—	—	—	—	—	—	—	—	3.1	2.2	-0.9	—	—	—	—	—	—	—	—	4.5	4.5	0.0
Female	—	—	—	—	—	—	—	—	3.2	2.8	-0.4	—	—	—	—	—	—	—	—	4.7	3.6	-1.1
College Plans:																						
None or under 4 yrs.	—	—	—	—	—	—	—	—	7.4	6.8	-0.6	—	—	—	—	—	—	—	—	9.1	8.8	-0.3
Complete 4 yrs.	—	—	—	—	—	—	—	—	2.7	2.0	-0.7s	—	—	—	—	—	—	—	—	3.9	3.3	-0.6
Region:																						
Northeast	—	—	—	—	—	—	—	—	1.6	2.0	+0.4	—	—	—	—	—	—	—	—	5.1	4.1	-1.0
North Central	—	—	—	—	—	—	—	—	4.4	3.0	-1.4	—	—	—	—	—	—	—	—	4.6	4.0	-0.6
South	—	—	—	—	—	—	—	—	3.4	2.4	-0.9	—	—	—	—	—	—	—	—	4.0	3.8	-0.2
West	—	—	—	—	—	—	—	—	2.8	2.5	-0.4	—	—	—	—	—	—	—	—	5.1	4.4	-0.7
Population Density:																						
Large MSA	—	—	—	—	—	—	—	—	2.2	2.1	-0.1	—	—	—	—	—	—	—	—	3.8	4.4	+0.7
Other MSA	—	—	—	—	—	—	—	—	3.6	2.6	-1.1s	—	—	—	—	—	—	—	—	4.8	3.4	-1.4s
Non-MSA	—	—	—	—	—	—	—	—	3.5	3.0	-0.5	—	—	—	—	—	—	—	—	5.2	4.8	-0.4
Parental Education:[a]																						
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	6.3	5.0	-1.3	—	—	—	—	—	—	—	—	7.2	7.0	-0.2
2.5-3.0	—	—	—	—	—	—	—	—	4.3	3.1	-1.2	—	—	—	—	—	—	—	—	4.2	4.3	+0.1
3.5-4.0	—	—	—	—	—	—	—	—	3.3	2.4	-0.9	—	—	—	—	—	—	—	—	4.8	4.3	-0.5
4.5-5.0	—	—	—	—	—	—	—	—	1.9	1.3	-0.5	—	—	—	—	—	—	—	—	4.8	3.5	-1.3
5.5-6.0 (High)	—	—	—	—	—	—	—	—	3.2	2.2	-1.1	—	—	—	—	—	—	—	—	3.3	3.5	+0.2
Race (2-year average):[b]																						
White	—	—	—	—	—	—	—	—	—	3.2	—	—	—	—	—	—	—	—	—	—	4.7	—
Black	—	—	—	—	—	—	—	—	—	1.1	—	—	—	—	—	—	—	—	—	—	0.4	—
Hispanic	—	—	—	—	—	—	—	—	—	4.0	—	—	—	—	—	—	—	—	—	—	3.9	—

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of four forms; N is one-third of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-33
Methamphetamine: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.7	4.3	-0.3
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.0	4.4	-0.5
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.5	4.2	-0.3
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.8	6.2	-0.6
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.0	3.8	-0.2
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.1	4.5	+1.5
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.1	4.1	-0.9
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.9	3.7	-0.2
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7.1	5.4	-1.6
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.2	3.6	-0.5
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.0	4.9	+0.9
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.4	4.3	-2.1
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.0	7.7	+1.7
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.8	3.5	-1.3
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.2	3.9	-1.4
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.7	4.2	+0.5
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.2	5.5	+1.3
Race (2-year average)[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.9	—
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	—
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.9	—

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on two of six forms; N is two-sixths of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-34
Ice (Crystal Methamphetamine): Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.4	1.3	1.7	1.8	2.4	2.8	2.3	3.0	1.9	2.2	+0.3
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.5	1.9	1.5	1.9	2.2	2.6	3.9	2.6	3.9	2.2	2.5	+0.3
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	0.9	1.0	1.2	1.3	2.1	1.7	2.1	2.1	1.6	1.9	+0.3
College Plans:																											
None or under 4 yrs	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	1.9	2.2	2.6	2.4	4.3	5.1	3.8	5.0	2.3	3.8	+1.5
Complete 4 yrs	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	1.2	1.0	1.4	1.5	1.8	2.1	1.9	2.4	1.8	1.7	-0.1
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	1.1	0.9	1.1	0.9	1.4	3.2	2.8	2.6	1.0	1.0	0.0
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.4	1.1	1.5	2.3	2.2	2.1	1.9	2.7	1.7	2.8	+1.1
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	1.0	1.0	1.2	1.2	1.8	2.0	1.6	3.1	2.3	2.0	-0.3
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.5	2.2	2.6	3.2	2.8	4.7	4.9	3.7	3.4	2.5	2.9	+0.4
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	1.3	1.5	2.2	2.0	3.0	4.6	2.9	2.5	1.6	2.3	+0.6
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.7	1.3	1.7	1.8	2.0	2.0	2.0	3.3	2.1	1.7	-0.4
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	0.8	1.2	1.2	1.6	2.3	2.6	2.1	2.8	2.0	3.0	+1.0
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.0	0.9	1.6	1.0	3.2	3.4	2.2	2.8	3.6	3.2	-0.4
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	1.1	1.1	1.2	3.0	2.6	3.0	2.5	3.2	1.3	1.7	+0.4
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	1.2	1.5	2.3	1.6	1.9	2.6	2.2	3.6	2.5	1.9	-0.6
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	1.8	1.4	1.8	1.3	2.5	2.9	2.9	2.6	1.3	2.8	+1.5s
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.0	1.4	1.3	1.0	2.2	2.5	1.4	1.9	2.1	1.3	-0.8
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.3	1.5	1.7	2.0	2.5	2.6	2.9	2.8	2.3	-0.5
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.0	0.8	0.5	0.5	0.3	0.5	1.0	0.7	0.7	0.0
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.8	2.3	2.1	2.7	4.0	2.8	1.7	1.7	2.4	+0.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on two of six forms; N is two-sixths of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-35
Barbiturates: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months[a]

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	10.7	9.6	9.3	8.1	7.5	6.8	6.6	5.5	5.2	4.9	4.6	4.2	3.6	3.2	3.3	3.4	3.4	2.8	3.4	4.1	4.7	4.9	5.1	5.5	5.8	6.2	+0.4
Gender:																											
Male	12.3	9.9	10.2	8.4	7.6	7.3	7.2	5.9	5.9	5.5	5.2	4.7	4.0	3.4	3.5	3.8	3.4	2.9	3.4	4.3	5.1	5.2	5.3	6.3	6.3	6.9	+0.6
Female	9.9	9.2	8.4	7.7	7.0	6.0	5.8	5.0	4.2	4.0	3.9	3.8	3.2	3.0	3.0	3.0	3.2	2.6	3.3	3.8	4.2	4.4	4.8	4.8	5.3	5.4	+0.1
College Plans:																											
None or under 4 yrs	—	11.6	11.4	9.1	9.3	9.0	8.1	7.4	6.7	6.2	6.2	6.1	4.7	4.1	4.8	4.7	4.3	3.9	3.8	5.4	5.9	6.7	6.6	6.9	7.0	7.0	0.0
Complete 4 yrs	—	7.3	6.8	6.8	5.2	4.8	5.1	3.8	3.8	3.7	3.6	3.0	3.0	2.7	2.5	2.8	2.9	2.3	3.2	3.7	4.4	4.3	4.6	5.1	5.5	6.0	+0.5
Region:																											
Northeast	11.5	10.4	9.2	9.6	9.6	6.9	6.8	5.6	4.7	5.1	5.3	5.2	4.2	2.5	3.2	2.9	2.8	2.7	3.5	4.0	4.1	5.6	5.7	5.5	4.7	5.6	+0.9
North Central	12.8	10.4	10.7	7.9	6.9	7.3	7.5	5.4	6.1	4.9	4.9	4.2	3.3	2.5	3.2	3.5	3.5	2.7	3.5	4.1	4.5	4.9	4.4	4.8	6.0	5.2	-0.8
South	9.9	9.7	9.3	7.8	7.3	7.0	5.5	6.3	5.2	5.2	4.2	4.1	3.7	4.1	3.7	4.0	3.6	3.0	3.6	4.8	5.3	5.4	5.8	6.8	6.8	7.5	+0.7
West	10.0	6.7	6.6	6.6	5.7	5.2	6.5	3.9	4.0	4.2	4.1	3.3	3.2	3.2	2.7	2.9	3.3	2.5	2.7	2.8	4.3	3.3	4.2	4.2	4.9	5.7	+0.9
Population Density:																											
Large MSA	11.1	10.2	8.1	8.1	8.3	6.6	6.9	5.3	5.2	4.4	4.4	3.7	3.3	2.8	2.6	2.6	2.4	2.4	2.6	3.6	4.1	3.6	4.2	4.6	3.7	5.1	+1.4
Other MSA	11.3	9.8	9.9	8.2	7.3	6.5	6.4	5.7	5.3	4.9	4.2	4.4	3.6	3.4	3.1	3.6	3.9	2.6	3.1	4.3	4.9	5.4	5.0	5.6	6.2	6.6	+0.4
Non-MSA	9.8	9.0	9.5	8.1	7.0	7.2	6.6	5.5	5.0	5.5	5.4	4.5	3.9	3.2	4.4	3.9	3.3	3.4	4.3	4.1	5.0	5.4	6.4	6.8	7.4	6.8	-0.6
Parental Education[b]																											
1.0-2.0 (Low)	10.3	9.1	8.0	7.5	7.8	8.0	6.5	5.8	6.1	4.7	5.0	4.8	3.8	4.3	4.1	3.1	3.6	3.9	3.8	4.5	4.9	4.8	4.3	6.4	7.5	5.2	-2.3
2.5-3.0	10.3	10.2	10.3	8.2	7.3	7.2	6.5	5.7	5.7	5.2	5.3	4.6	3.6	3.1	3.4	3.7	3.7	2.4	3.6	4.5	5.2	4.9	4.9	6.3	6.2	7.1	+0.9
3.5-4.0	9.5	9.6	9.0	8.3	7.4	6.3	6.5	5.1	4.6	5.0	4.4	4.4	3.2	2.9	3.2	3.9	3.0	2.8	2.8	4.0	4.6	4.9	6.0	5.6	6.4	5.8	-0.6
4.5-5.0	10.7	10.1	9.1	7.8	6.6	5.9	6.4	5.0	4.4	4.3	4.1	3.3	3.9	3.3	2.8	3.1	3.3	2.9	3.4	4.0	4.4	5.0	5.1	5.0	5.0	6.7	+1.7s
5.5-6.0 (High)	9.0	10.3	8.3	8.0	7.2	5.4	6.8	5.8	3.7	4.0	3.1	3.4	3.6	3.1	3.4	2.9	3.6	2.4	3.8	3.6	4.1	4.6	4.6	5.0	5.1	5.5	+0.5
Race (2-year average)[c]																											
White	—	—	10.2	9.3	8.2	7.5	7.2	6.5	5.8	5.5	5.1	4.7	4.2	3.7	3.5	3.7	3.8	3.5	3.6	4.3	4.9	5.4	5.9	6.5	6.7	6.9	+0.2
Black	—	—	3.3	3.2	2.6	2.5	2.4	2.0	1.7	1.6	1.6	1.6	1.7	1.5	1.1	1.1	1.2	1.1	1.0	1.5	1.6	1.1	1.0	1.4	1.4	1.3	-0.1
Hispanic	—	—	7.4	5.8	5.8	5.8	5.7	5.1	4.1	4.4	4.6	3.6	2.8	2.8	3.2	2.8	2.4	2.2	1.9	2.6	3.5	4.0	3.7	3.3	4.0	5.1	+1.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Only drug use which was not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-36
Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months[a]

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.8	2.0	2.1	2.4	2.7	3.3	2.9	2.6	2.5	2.6	+0.2	3.2	3.5	3.3	3.3	4.0	4.6	4.9	5.1	5.4	5.6	+0.2
Gender:																						
Male	1.5	1.6	1.8	1.9	2.0	2.3	2.6	2.3	2.1	2.1	+0.1	2.5	2.7	3.2	3.0	4.0	4.3	4.7	4.7	5.2	5.8	+0.7
Female	2.1	2.3	2.4	2.8	3.3	4.0	3.2	3.0	2.9	3.1	+0.1	3.8	4.3	3.2	3.6	4.0	4.9	5.2	5.4	5.4	5.5	0.0
College Plans:																						
None or under 4 yrs.	3.9	4.9	3.6	5.1	5.9	6.4	5.8	6.4	5.8	6.8	+0.9	5.0	6.0	5.8	6.0	7.4	9.4	8.6	8.3	8.6	10.0	+1.4
Complete 4 yrs.	1.5	1.5	1.9	2.0	2.3	2.8	2.6	2.2	2.0	2.2	+0.2	2.8	3.1	2.7	2.8	3.4	3.8	4.3	4.5	4.8	4.9	+0.1
Region:																						
Northeast	1.0	1.6	1.7	2.5	2.3	2.7	2.5	2.0	2.3	2.2	-0.1	2.7	2.8	3.4	2.8	2.6	3.9	3.6	5.7	5.5	3.9	-1.6
North Central	1.4	1.9	1.3	1.7	2.6	3.5	2.4	2.6	2.6	2.2	-0.4	2.4	3.0	2.5	2.6	3.2	4.4	3.7	3.4	4.6	5.4	+0.7
South	2.6	2.5	2.4	2.6	3.0	3.7	3.3	3.2	2.8	3.2	+0.4	4.2	4.5	3.9	4.2	5.1	5.7	7.3	6.6	6.0	6.9	+0.8
West	1.8	1.6	3.0	2.7	2.4	2.9	3.0	2.3	1.9	2.5	+0.6	2.9	3.2	3.2	3.6	4.3	3.6	3.7	4.1	4.9	5.4	+0.5
Population Density:																						
Large MSA	1.8	2.1	1.7	2.5	1.8	3.2	2.1	1.9	1.8	2.5	+0.6	3.2	3.3	2.7	2.6	3.2	4.2	3.9	4.1	5.0	5.5	+0.4
Other MSA	1.7	1.8	2.5	2.6	3.2	3.4	3.2	2.6	2.4	2.7	+0.4	3.0	3.8	3.3	3.9	4.1	4.6	4.4	5.2	5.5	5.4	0.0
Non-MSA	2.2	2.2	1.6	1.9	2.6	3.1	3.2	3.6	3.4	2.7	-0.7	3.5	3.3	3.6	3.0	4.7	5.2	7.0	6.0	5.6	6.1	+0.5
Parental Education[b]																						
1.0-2.0 (Low)	3.6	3.8	2.5	3.2	3.9	4.9	4.3	5.5	5.0	5.6	+0.6	3.3	5.3	4.8	4.2	5.0	5.9	4.7	6.5	5.0	8.2	+3.2s
2.5-3.0	1.6	2.1	2.5	2.6	2.7	3.5	3.1	2.8	3.3	3.6	+0.3	3.6	3.5	3.1	3.3	4.5	5.2	5.3	6.3	5.9	6.2	+0.3
3.5-4.0	2.0	2.2	2.1	2.6	3.2	3.9	3.2	2.7	2.1	2.6	+0.5	3.2	3.4	3.5	3.4	4.3	5.0	5.5	4.9	5.2	5.6	+0.5
4.5-5.0	1.4	0.9	1.8	2.0	2.2	2.8	2.4	2.4	1.7	1.4	-0.3	2.5	3.9	2.9	2.9	3.5	4.1	4.2	4.5	5.7	5.2	-0.5
5.5-6.0 (High)	1.8	1.9	1.7	2.1	1.6	2.7	2.7	2.1	1.9	2.2	+0.3	3.5	2.3	3.1	3.4	3.2	3.6	4.4	4.0	5.3	4.7	-0.7
Race (2-year average)[c]																						
White	—	2.0	2.0	2.2	2.7	3.2	3.4	3.1	2.9	3.0	+0.1	—	4.0	3.8	3.6	4.1	4.9	5.6	6.0	6.1	6.4	+0.3
Black	—	0.9	1.1	1.2	1.2	1.3	1.2	0.9	0.7	0.5	-0.2	—	0.9	0.9	0.9	0.8	0.7	0.9	1.0	1.2	1.1	-0.1
Hispanic	—	2.7	3.1	3.4	3.3	3.5	3.5	3.4	3.5	3.5	-0.1	—	2.9	3.3	3.1	3.1	3.4	3.5	3.5	3.7	4.0	+0.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Only drug use not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-37

Tranquilizers: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months[a]																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	10.6	10.3	10.8	9.9	9.6	8.7	8.0	7.0	6.9	6.1	6.1	5.8	5.5	4.8	3.8	3.5	3.6	2.8	3.5	3.7	4.4	4.6	4.7	5.5	5.8	5.7	-0.1
Gender:																											
Male	10.0	9.4	10.2	9.7	9.9	9.0	8.0	6.9	7.0	6.3	6.4	5.9	5.2	4.7	4.0	3.5	3.5	2.7	3.5	4.0	4.7	5.0	5.4	6.3	6.9	6.4	-0.5
Female	11.1	11.0	11.4	10.1	9.3	8.5	7.7	7.1	6.7	5.8	5.7	5.8	5.8	4.8	3.5	3.5	3.6	3.0	3.3	3.5	4.1	4.0	3.9	4.7	4.8	4.9	+0.1
College Plans:																											
None or under 4 yrs.	—	11.5	12.3	11.1	11.0	10.7	9.4	8.0	8.0	7.4	6.8	7.2	6.7	5.1	4.8	4.3	4.2	3.9	3.9	4.5	5.6	5.6	6.2	6.8	6.4	6.7	+0.3
Complete 4 yrs.	—	8.9	9.0	8.6	8.1	7.2	6.9	6.3	5.8	5.2	5.5	5.1	4.9	4.6	3.3	3.2	3.4	2.5	3.3	3.5	4.1	4.2	4.0	5.1	5.6	5.2	-0.4
Region:																											
Northeast	9.2	9.7	10.4	10.9	11.5	8.6	8.3	7.8	6.8	6.8	7.1	6.4	6.9	4.5	3.7	2.9	3.0	3.0	3.7	3.5	3.9	4.8	5.3	4.9	5.6	5.2	-0.4
North Central	10.6	10.1	11.0	8.8	7.5	8.2	7.8	6.2	6.8	5.6	6.0	5.5	4.5	3.7	3.1	2.9	3.0	2.3	2.8	3.1	4.0	4.4	3.5	3.7	5.1	4.7	-0.4
South	11.3	11.7	11.4	10.5	10.4	9.5	7.8	7.4	7.4	6.9	5.9	6.3	5.7	6.0	4.4	4.3	4.0	3.5	4.2	4.8	5.0	5.3	5.4	7.5	7.6	6.7	-0.9
West	11.7	8.5	9.6	8.9	9.4	8.6	8.0	6.4	6.2	4.9	5.3	4.8	5.2	4.4	3.4	3.9	4.4	2.3	3.0	2.8	4.3	3.0	4.3	4.4	3.9	5.6	+1.7s
Population Density:																											
Large MSA	11.2	9.6	9.6	10.3	9.9	8.7	8.3	7.0	7.0	5.4	5.8	5.3	5.8	4.7	3.1	3.6	2.5	2.9	2.9	3.9	4.0	3.7	4.2	4.8	4.0	4.7	+0.7
Other MSA	11.0	11.3	11.4	10.1	10.2	9.3	8.1	7.2	7.2	6.1	6.0	5.7	5.6	5.0	3.5	3.7	4.1	2.7	3.6	3.7	4.5	4.9	4.8	5.7	6.6	6.2	-0.4
Non-MSA	9.9	9.5	11.0	9.2	8.7	8.0	7.5	6.8	6.5	6.8	6.5	6.4	5.2	4.5	4.9	3.3	3.7	3.1	3.7	3.5	4.8	4.7	5.1	5.9	6.5	6.0	-0.5
Parental Education:[b]																											
1.0-2.0 (Low)	11.2	10.1	9.4	9.4	9.1	7.8	7.1	6.1	6.0	6.5	5.3	6.7	5.7	3.9	3.6	3.4	4.0	3.9	3.3	4.2	3.9	4.2	3.9	6.4	5.2	6.4	+1.2
2.5-3.0	9.8	10.3	11.5	10.1	8.8	9.1	8.0	7.3	7.2	6.5	6.2	5.8	5.4	4.6	3.9	3.2	3.6	2.8	3.3	3.5	4.7	4.0	4.3	5.2	6.2	5.3	-0.9
3.5-4.0	9.8	11.2	11.1	9.5	10.4	8.9	8.3	6.7	6.9	5.8	6.4	6.5	5.3	4.5	3.4	4.4	3.1	2.7	3.5	3.6	4.3	4.7	4.6	6.0	6.4	5.6	-0.8
4.5-5.0	11.3	11.7	11.4	10.5	10.0	8.1	7.4	7.6	6.6	5.8	6.3	4.7	5.9	5.5	3.8	3.1	3.9	3.0	3.4	3.7	4.5	4.6	5.4	4.9	5.4	5.9	+0.4
5.5-6.0 (High)	9.3	12.0	10.1	11.0	11.4	10.3	9.1	7.6	7.1	6.3	5.5	5.4	5.4	5.6	4.9	4.0	4.0	2.2	4.2	4.2	4.1	5.3	5.1	5.5	5.6	5.8	+0.2
Race (2-year average):[c]																											
White	—	—	11.4	11.1	10.5	9.9	9.1	8.3	7.8	7.3	6.8	6.6	6.3	5.9	5.0	4.2	4.1	3.7	3.7	4.2	4.6	5.1	5.5	6.2	6.8	6.9	+0.2
Black	—	—	4.3	4.2	3.6	3.1	3.0	2.5	2.3	2.1	1.7	1.7	2.0	2.0	1.2	0.7	0.9	1.3	1.0	1.1	1.2	0.9	0.8	1.0	1.0	0.7	-0.3
Hispanic	—	—	8.4	8.2	7.4	6.4	5.7	5.8	5.1	5.3	5.0	4.4	3.7	2.5	1.6	1.9	2.7	2.4	2.0	2.4	3.5	4.3	3.8	3.3	3.5	4.3	+0.8

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Only drug use which was not under a doctor's orders is included here.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-38

Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last twelve months																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	—	—	—	—	—	1.0	0.8	0.8	0.5	0.5	+0.1	—	—	—	—	—	1.1	1.3	1.2	1.0	0.8	-0.3
Gender:																						
Male	—	—	—	—	—	1.1	0.7	0.8	0.6	0.5	-0.1	—	—	—	—	—	1.1	1.4	1.4	1.2	1.0	-0.3
Female	—	—	—	—	—	1.0	0.9	0.9	0.2	0.6	+0.4	—	—	—	—	—	1.1	1.1	1.1	0.9	0.6	-0.3
College Plans:																						
None or under 4 yrs	—	—	—	—	—	2.5	1.5	3.0	0.9	2.2	+1.3	—	—	—	—	—	2.9	2.7	2.9	2.8	1.4	-1.4
Complete 4 yrs.	—	—	—	—	—	0.8	0.7	0.6	0.4	0.4	0.0	—	—	—	—	—	0.8	1.1	0.9	0.8	0.6	-0.2
Region:																						
Northeast	—	—	—	—	—	0.9	0.3	0.9	0.3	0.6	+0.3	—	—	—	—	—	0.6	0.7	0.9	0.4	0.6	+0.2
North Central	—	—	—	—	—	0.9	0.8	0.8	0.3	0.4	+0.1	—	—	—	—	—	0.5	0.8	1.0	0.9	0.4	-0.5
South	—	—	—	—	—	1.3	1.1	0.9	0.7	0.9	+0.2	—	—	—	—	—	1.9	2.4	2.0	1.8	1.2	-0.7
West	—	—	—	—	—	1.0	0.7	0.8	0.5	*	-0.4	—	—	—	—	—	1.1	0.6	0.5	0.6	0.7	+0.1
Population Density:																						
Large MSA	—	—	—	—	—	1.2	0.8	0.7	0.4	0.9	+0.4	—	—	—	—	—	1.1	1.3	1.3	0.9	0.9	-0.1
Other MSA	—	—	—	—	—	1.1	0.9	1.0	0.6	0.5	-0.1	—	—	—	—	—	1.4	1.3	1.3	1.3	0.9	-0.4
Non-MSA	—	—	—	—	—	0.8	0.7	0.8	0.3	0.2	-0.1	—	—	—	—	—	0.6	1.3	1.0	0.7	0.5	-0.1
Parental Education:[a]																						
1.0-2.0 (Low)	—	—	—	—	—	2.0	2.1	2.2	0.2	0.9	+0.8	—	—	—	—	—	1.7	1.3	1.7	1.2	1.3	+0.2
2.5-3.0	—	—	—	—	—	1.1	1.1	0.8	0.3	0.8	+0.5	—	—	—	—	—	1.0	1.1	1.6	1.6	0.5	-1.1s
3.5-4.0	—	—	—	—	—	1.2	0.7	0.9	0.6	0.2	-0.5	—	—	—	—	—	1.5	1.6	1.0	0.8	0.8	0.0
4.5-5.0	—	—	—	—	—	0.8	0.6	0.6	0.5	0.4	-0.1	—	—	—	—	—	0.7	1.5	0.9	0.6	0.7	+0.1
5.5-6.0 (High)	—	—	—	—	—	0.8	0.5	0.9	0.7	0.9	+0.2	—	—	—	—	—	1.1	0.8	1.3	1.1	0.8	-0.4
Race (2-year average):[b]																						
White	—	—	—	—	—	—	0.9	0.8	0.7	0.5	-0.1	—	—	—	—	—	—	1.4	1.5	1.5	1.0	-0.5
Black	—	—	—	—	—	—	0.4	0.4	0.4	0.3	-0.1	—	—	—	—	—	—	0.1	0.1	0.1	0.1	+0.1
Hispanic	—	—	—	—	—	—	1.4	1.5	1.5	0.6	-0.9	—	—	—	—	—	—	1.0	1.2	1.1	0.7	-0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
'*' indicates less than .05 percent but greater than 0 percent.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases. See Appendix B for definition of variables in table.
Data based on one of two forms in 1996–97. N is one-half of N indicated in Table D-58. Data based on three of four forms in 1998. N is two-thirds of N indicated in Table D-58. Data based on two of four forms beginning in 1999. N is one-third of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-39
Rohypnol: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	1.2	1.4	1.0	0.8	-0.2
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.8	1.2	1.7	1.0	0.8	-0.2
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.3	1.1	1.1	1.0	0.7	-0.4
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.4	0.5	1.8	1.0	0.1	-0.8
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.3	1.3	1.0	0.9	-0.1
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.6	1.2	0.8	0.3	-0.5
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.0	0.5	1.0	0.8	0.9	+0.1
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.8	2.2	2.6	1.6	1.3	-0.3
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.8	0.0	0.2	0.1	-0.1
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	0.9	0.8	0.3	0.3	+0.1
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.5	2.2	1.4	1.1	-0.3
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.7	0.7	0.6	0.9	0.7	-0.2
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	0.4	0.6	4.7	0.0	-4.7s
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5	0.6	1.0	0.3	0.4	+0.1
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.4	1.1	1.1	1.5	+0.4
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	1.7	2.7	0.3	0.6	+0.3
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.8	1.7	1.4	0.7	0.0	-0.7
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.2	1.6	1.5	0.9	-0.5
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.0	0.2	0.4	+0.2
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	1.3	1.0	0.6	-0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of six forms; N is one-sixth of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

CAUTION: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-40

Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last thirty days

8th Grade

	1991	1992	1993[a]	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*	
Total	25.1	26.1	26.2	—	—	—	—	—	—	—	—
			24.3	25.5	24.6	26.2	24.5	23.0	24.0	22.4	-1.7
Gender:											
Male	26.3	26.3	26.7	—	—	—	—	—	—	—	—
			25.3	26.5	25.0	26.6	25.2	24.0	24.8	22.5	-2.2s
Female	23.8	25.9	26.1	—	—	—	—	—	—	—	—
			23.7	24.7	24.0	25.8	23.9	21.9	23.3	22.0	-1.3
College Plans:											
None or under 4 yrs.	37.2	39.6	39.2	—	—	—	—	—	—	—	—
			41.1	41.4	40.0	41.7	40.2	41.2	41.6	38.3	-3.3
Complete 4 yrs.	23.1	24.2	24.8	—	—	—	—	—	—	—	—
			22.2	23.6	22.6	24.0	22.8	21.0	22.0	20.4	-1.6
Region:											
Northeast	24.3	23.8	24.8	—	—	—	—	—	—	—	—
			21.0	25.4	24.1	26.9	24.8	21.2	25.7	25.6	-0.1
North Central	26.6	28.3	25.8	—	—	—	—	—	—	—	—
			24.7	24.2	24.7	26.9	22.8	23.9	25.7	24.1	-1.6
South	25.1	26.8	26.4	—	—	—	—	—	—	—	—
			25.4	25.6	25.5	26.3	26.4	23.8	24.4	20.9	-3.5s
West	23.1	23.5	27.9	—	—	—	—	—	—	—	—
			25.6	27.2	23.1	24.8	22.7	22.2	19.8	20.2	+0.4
Population Density:											
Large MSA	25.4	27.4	24.7	—	—	—	—	—	—	—	—
			21.2	23.8	22.3	24.9	23.1	21.4	21.7	21.2	-0.5
Other MSA	24.3	26.1	27.6	—	—	—	—	—	—	—	—
			26.0	27.4	25.3	27.4	24.9	22.4	23.4	21.3	-2.1
Non-MSA	26.2	24.2	25.1	—	—	—	—	—	—	—	—
			24.9	23.8	26.0	25.7	25.4	26.0	28.1	26.1	-2.0
Parental Education:[b]											
1.0-2.0 (Low)	30.7	32.8	32.5	—	—	—	—	—	—	—	—
			28.0	33.5	30.8	28.1	29.7	28.9	30.7	30.2	-0.5
2.5-3.0	27.0	27.2	26.0	—	—	—	—	—	—	—	—
			28.0	27.4	27.8	30.1	26.2	26.5	27.9	26.3	-1.6
3.5-4.0	25.1	26.3	28.2	—	—	—	—	—	—	—	—
			25.9	26.7	26.8	27.6	27.8	24.5	25.2	23.0	-2.2
4.5-5.0	22.8	24.6	23.1	—	—	—	—	—	—	—	—
			20.6	22.6	21.0	25.0	22.6	20.2	20.4	18.4	-1.9
5.5-6.0 (High)	24.0	25.2	26.2	—	—	—	—	—	—	—	—
			22.3	23.6	20.5	21.5	20.5	21.3	22.1	19.0	-3.1
Race (2-year average):[c]											
White	—	26.6	27.1	—	—	—	—	—	—	—	—
			—	25.3	25.4	26.6	26.7	24.8	24.7	24.7	0.0
Black	—	18.6	19.7	—	—	—	—	—	—	—	—
			—	19.4	18.7	18.1	17.9	16.1	16.1	16.0	-0.2
Hispanic	—	31.0	32.3	—	—	—	—	—	—	—	—
			—	33.5	32.4	29.7	29.8	29.5	29.0	26.7	-2.3

10th Grade

	1991	1992	1993[a]	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	42.8	39.9	41.5	—	—	—	—	—	—	—	—
			38.2	39.2	38.8	40.4	40.1	38.8	40.0	41.0	+0.9
Gender:											
Male	45.5	41.6	43.4	—	—	—	—	—	—	—	—
			40.6	43.5	39.7	42.6	42.5	40.0	42.3	43.3	+1.0
Female	40.2	38.3	39.4	—	—	—	—	—	—	—	—
			35.6	34.8	37.8	38.3	37.9	37.7	38.1	38.6	+0.6
College Plans:											
None or under 4 yrs.	53.6	49.5	53.5	—	—	—	—	—	—	—	—
			48.6	52.0	52.2	53.3	51.6	52.4	53.7	53.9	+0.2
Complete 4 yrs.	40.6	37.9	39.1	—	—	—	—	—	—	—	—
			36.1	36.4	36.4	38.3	38.1	36.5	37.9	39.1	+1.2
Region:											
Northeast	48.0	42.3	43.5	—	—	—	—	—	—	—	—
			42.4	37.4	38.3	41.4	41.1	41.6	44.8	42.0	-2.8
North Central	43.5	40.3	42.5	—	—	—	—	—	—	—	—
			37.4	39.6	38.9	39.1	38.6	37.6	40.9	42.5	+1.7
South	41.7	38.2	40.4	—	—	—	—	—	—	—	—
			38.0	40.5	39.4	41.7	40.8	39.9	38.8	39.1	+0.3
West	39.6	39.8	39.7	—	—	—	—	—	—	—	—
			35.6	38.2	38.0	38.9	39.9	35.5	36.1	41.1	+5.0s
Population Density:											
Large MSA	43.6	40.4	40.9	—	—	—	—	—	—	—	—
			39.0	36.3	34.6	37.9	37.8	34.2	39.7	42.4	+2.7
Other MSA	41.4	38.6	38.8	—	—	—	—	—	—	—	—
			36.2	40.1	39.9	41.0	40.2	39.0	39.7	39.3	-0.4
Non-MSA	44.8	41.9	47.0	—	—	—	—	—	—	—	—
			41.3	40.6	41.3	42.1	42.6	43.7	41.0	42.4	+1.3
Parental Education:[b]											
1.0-2.0 (Low)	42.1	40.4	41.3	—	—	—	—	—	—	—	—
			37.5	38.6	43.5	43.2	39.2	39.9	40.6	41.1	+0.5
2.5-3.0	43.9	40.9	44.9	—	—	—	—	—	—	—	—
			40.6	41.5	42.3	42.6	41.1	41.2	42.3	42.8	+0.5
3.5-4.0	44.2	40.0	41.8	—	—	—	—	—	—	—	—
			38.0	40.6	38.8	42.2	41.6	40.1	40.2	42.8	+2.6
4.5-5.0	40.7	39.4	38.3	—	—	—	—	—	—	—	—
			36.2	37.7	37.9	37.8	39.3	36.9	38.7	40.2	+1.5
5.5-6.0 (High)	44.9	41.7	39.9	—	—	—	—	—	—	—	—
			39.3	35.4	34.3	39.6	38.9	37.0	40.9	39.0	-2.0
Race (2-year average):[c]											
White	—	44.1	43.1	—	—	—	—	—	—	—	—
			—	40.4	41.0	42.2	43.0	42.7	43.0	43.9	+0.9
Black	—	30.2	29.3	—	—	—	—	—	—	—	—
			—	29.7	28.0	23.9	24.6	25.1	24.4	24.7	+0.3
Hispanic	—	41.0	39.9	—	—	—	—	—	—	—	—
			—	37.7	40.5	44.0	42.8	39.4	39.6	40.5	+0.9

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] In 1993, the question text was changed slightly in one form to indicate that a "drink" meant "more than a few sips." The data in the upper line for each subgroup came from the form using the original wording, while the data in the lower line came from the form using the revised wording. N is one-half of N indicated for each line. Beginning in 1994, data based on both forms.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-41
Alcohol: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last thirty days																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993[a]	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	68.2	68.3	71.2	72.1	71.8	72.0	70.7	69.7	69.4	67.2	65.9	65.3	66.4	63.9	60.0	57.1	54.0	51.3	51.0 48.6	— 50.1	— 51.3	— 50.8	— 52.7	— 52.0	— 51.0	— 50.0	— -1.0
Gender:																											
Male	75.0	74.5	77.8	77.5	76.7	77.4	75.7	74.1	74.4	71.4	69.8	69.0	69.9	68.0	65.1	61.3	58.4	55.8	54.9 54.2	— 55.5	— 55.7	— 54.8	— 56.2	— 57.3	— 55.3	— 54.0	— -1.3
Female	62.2	61.8	65.0	67.1	67.0	66.8	65.7	65.4	64.3	62.8	62.1	61.9	63.1	59.9	54.9	52.3	49.0	46.8	46.7 43.4	— 45.2	— 47.0	— 46.9	— 48.9	— 46.9	— 46.8	— 46.1	— -0.7
College Plans:																											
None or under 4 yrs.	—	69.9	72.8	72.7	72.2	73.5	72.1	71.6	70.5	69.0	67.9	66.6	68.6	65.0	61.6	58.7	57.1	54.9	53.6 52.4	— 53.6	— 55.9	— 54.8	— 56.1	— 56.0	— 55.2	— 54.3	— -0.9
Complete 4 yrs.	—	66.5	69.4	71.6	71.4	70.8	70.0	68.6	68.1	65.7	64.6	64.8	65.7	63.6	59.1	56.4	52.7	50.0	49.6 47.4	— 48.9	— 49.6	— 49.3	— 51.4	— 50.9	— 49.8	— 48.3	— -1.5
Region:																											
Northeast	76.9	75.7	76.6	78.0	81.1	79.4	80.4	76.7	74.4	73.6	72.3	67.6	69.1	66.7	61.7	65.3	59.6	51.5	55.2 56.1	— 53.1	— 55.0	— 56.5	— 56.7	— 56.2	— 57.2	— 58.0	— +0.8
North Central	71.1	73.2	76.4	77.2	73.9	75.1	73.6	75.0	74.4	70.6	66.8	71.3	70.7	67.9	65.9	61.5	59.7	58.0	54.6 51.6	— 53.8	— 55.3	— 51.5	— 51.5	— 51.9	— 51.1	— 52.3	— +1.2
South	62.8	60.2	64.7	67.0	65.7	65.5	62.9	61.3	64.3	62.1	60.0	58.2	60.7	58.6	55.1	51.0	49.1	48.1	50.1 47.7	— 49.2	— 50.6	— 51.1	— 51.1	— 51.4	— 49.5	— 44.9	— -4.6s
West	60.0	62.2	64.4	63.1	65.5	67.6	65.3	63.8	62.9	63.6	66.2	64.5	66.7	65.0	59.3	51.6	49.7	46.7	43.8 39.8	— 44.2	— 43.2	— 42.1	— 52.7	— 49.2	— 47.8	— 48.3	— +0.6
Population Density:																											
Large MSA	75.3	72.6	74.0	75.5	77.3	78.0	75.5	72.9	69.2	66.6	67.4	66.2	66.3	63.8	56.9	59.2	52.9	49.0	52.3 50.6	— 49.5	— 50.6	— 51.6	— 51.1	— 49.1	— 48.9	— 51.2	— +2.3
Other MSA	68.5	67.0	72.0	72.7	72.0	70.8	69.1	69.3	69.8	66.2	65.1	64.8	66.9	64.1	60.7	57.4	55.7	50.8	49.8 47.1	— 49.2	— 50.6	— 50.1	— 53.4	— 53.9	— 52.8	— 48.8	— -4.0s
Non-MSA	63.2	66.5	67.8	68.4	67.3	69.0	68.9	67.6	69.0	69.0	65.9	65.2	65.5	63.8	61.7	54.4	52.0	54.1	51.9 49.8	— 52.5	— 53.4	— 51.4	— 52.9	— 51.6	— 50.1	— 50.8	— +0.6
Parental Education:[b]																											
1.0-2.0 (Low)	58.7	62.5	62.0	62.7	64.6	65.9	62.1	61.3	61.2	58.1	58.7	56.1	56.3	54.5	47.8	47.2	49.9	45.6	43.3 36.6	— 43.5	— 45.9	— 41.2	— 43.8	— 43.8	— 46.8	— 43.4	— -3.4
2.5-3.0	70.0	71.4	72.5	71.9	71.1	72.0	70.7	69.4	69.2	67.4	65.9	65.3	67.0	64.6	59.7	57.2	53.3	52.3	50.5 49.0	— 49.9	— 52.0	— 48.2	— 51.0	— 50.1	— 50.5	— 50.0	— -0.5
3.5-4.0	69.2	67.9	73.5	75.0	74.6	73.3	71.5	72.7	70.4	69.6	66.9	66.7	67.2	64.3	62.9	57.7	54.3	51.2	53.5 51.2	— 50.1	— 50.6	— 51.4	— 52.1	— 55.6	— 51.1	— 51.3	— +0.3
4.5-5.0	69.6	71.3	74.5	77.0	76.0	74.4	73.1	74.5	73.1	69.3	68.9	68.0	68.8	66.0	62.1	60.8	54.8	51.0	50.7 49.8	— 52.6	— 51.8	— 53.6	— 55.3	— 52.4	— 50.2	— 48.1	— -2.0
5.5-6.0 (High)	67.3	72.5	77.1	79.2	75.9	77.2	77.4	74.1	75.0	70.3	67.9	69.9	70.5	67.3	62.2	60.8	58.0	55.7	53.3 53.2	— 52.2	— 55.1	— 54.2	— 57.4	— 54.7	— 56.0	— 54.0	— -2.0
Race (2-year average):[c]																											
White	—	—	72.8	75.0	75.3	75.4	75.4	74.6	73.9	72.8	71.2	70.2	71.0	70.6	67.3	63.8	60.0	56.8	55.6 —	— 54.0	— 54.5	— 54.8	— 56.4	— 57.7	— 56.3	— 55.1	— -1.2
Black	—	—	49.5	48.7	47.2	47.6	46.7	46.0	47.7	45.5	42.8	42.1	39.4	39.8	39.5	35.8	33.7	31.7	32.4 —	— 33.8	— 35.2	— 36.5	— 34.3	— 33.3	— 32.2	— 30.0	— -2.2
Hispanic	—	—	63.0	64.5	63.8	63.6	62.0	60.3	59.1	59.7	58.1	56.3	57.2	57.8	52.9	49.1	51.5	53.8	50.5 —	— 45.9	— 48.7	— 47.5	— 48.2	— 49.8	— 50.2	— 51.2	— +1.0

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases. See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] In 1993, the question text was changed slightly in three of six forms to indicate that a "drink" meant "more than a few sips." The data in the upper line for each subgroup came from forms using the original wording, while the data in the lower line came from forms using the revised wording. Beginning in 1994, data based on all six forms.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-42
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Eighth and Tenth Graders

	Percent who had been drunk in last thirty days																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	7.6	7.5	7.8	8.7	8.3	9.6	8.2	8.4	9.4	8.3	-1.1	20.5	18.1	19.8	20.3	20.8	21.3	22.4	21.1	22.5	23.5	+1.0
Gender:																						
Male	8.4	7.4	7.8	9.0	8.2	9.7	8.4	8.5	10.2	8.2	-2.0ss	22.3	18.6	21.4	23.2	21.9	23.0	24.6	22.3	25.4	26.2	+0.8
Female	7.0	7.6	7.8	8.3	8.2	9.5	7.9	8.2	8.6	8.1	-0.5	18.7	17.5	18.1	17.2	19.6	19.8	20.2	19.9	19.8	20.9	+1.1
College Plans:																						
None or under 4 yrs.	15.8	17.2	18.4	20.0	17.2	19.3	18.7	21.4	22.4	18.9	-3.5	29.5	26.3	29.0	31.1	31.4	32.0	35.5	33.5	34.6	35.1	+0.4
Complete 4 yrs.	6.4	6.1	6.4	7.3	7.3	8.2	7.1	6.9	8.0	7.0	-1.0	18.6	16.4	17.9	18.0	19.0	19.7	20.3	19.1	20.7	21.8	+1.2
Region:																						
Northeast	5.7	6.4	6.2	8.2	8.2	9.7	7.9	6.9	9.4	8.3	-1.1	23.9	18.8	20.0	19.0	19.5	22.4	21.9	23.1	25.8	22.8	-3.0
North Central	7.7	7.6	7.3	8.3	8.3	10.2	8.2	10.4	11.6	9.7	-1.9	21.8	18.9	20.1	21.0	22.6	22.0	23.3	21.8	26.0	27.6	+1.6
South	8.8	8.2	8.3	8.8	8.4	9.1	8.3	7.8	9.5	7.4	-2.1s	19.2	16.8	19.8	20.9	20.9	21.4	22.0	21.9	20.3	21.4	+1.1
West	7.3	6.9	9.4	9.6	8.2	9.8	8.3	8.3	6.6	8.1	+1.6	18.2	18.3	19.0	19.5	19.5	19.3	22.6	17.0	19.0	22.4	+3.4
Population Density:																						
Large MSA	7.4	7.0	6.0	7.6	7.2	8.9	6.7	6.9	7.8	7.1	-0.7	20.6	17.6	17.6	16.1	18.2	19.6	20.7	17.2	21.6	23.4	+1.8
Other MSA	7.3	7.4	8.4	9.7	8.9	9.9	8.6	7.5	8.4	7.2	-1.2	20.1	17.3	18.2	21.7	21.8	21.9	21.8	21.2	22.7	22.5	-0.1
Non-MSA	8.4	8.2	8.8	7.9	8.6	10.0	9.2	11.7	13.3	12.0	-1.3	21.1	19.9	24.7	21.8	21.8	22.4	25.5	25.4	23.4	25.4	+2.1
Parental Education:[a]																						
1.0-2.0 (Low)	13.4	11.0	10.4	12.5	13.1	11.1	11.5	13.1	14.5	14.0	-0.5	20.9	18.2	22.2	20.0	23.4	22.1	19.7	20.1	21.8	21.3	-0.6
2.5-3.0	9.2	8.8	9.2	9.3	9.6	11.9	9.3	9.5	11.7	10.5	-1.1	22.5	18.5	21.4	21.2	22.9	23.4	22.5	23.3	23.4	24.5	+1.1
3.5-4.0	6.9	7.6	8.5	9.3	9.4	10.4	10.2	9.1	9.9	8.0	-1.9s	20.4	19.4	19.4	22.1	21.4	22.1	24.1	21.3	23.3	24.5	+1.2
4.5-5.0	6.1	6.5	5.9	7.5	6.4	8.7	6.7	7.0	6.9	5.6	-1.3	19.7	17.1	18.2	18.7	19.7	19.5	22.3	20.2	21.7	24.1	+2.4
5.5-6.0 (High)	6.8	4.9	6.7	7.6	6.0	7.1	5.8	6.9	8.7	7.1	-1.6	20.6	18.5	18.6	17.9	17.9	22.3	22.4	20.4	24.0	23.1	-0.9
Race (2-year average):[b]																						
White	—	7.7	7.8	8.4	8.9	9.7	9.7	9.1	9.8	10.0	+0.2	—	21.6	20.8	22.0	22.7	23.7	25.0	25.5	25.7	26.7	+1.0
Black	—	5.4	5.1	5.6	5.6	5.5	4.6	3.9	4.9	4.7	-0.2	—	9.4	10.3	10.1	9.8	8.5	8.6	8.8	7.6	8.6	+1.0
Hispanic	—	9.9	9.9	10.8	10.8	10.8	10.4	9.8	9.9	8.5	-1.3	—	16.2	15.9	17.0	18.6	20.1	19.5	18.0	17.8	18.0	+0.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-43
Been Drunk: Trends in Thirty-Day Prevalence by Subgroups for Twelfth Graders

Percent who had been drunk in last thirty days

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.6	29.9	28.9	30.8	33.2	31.3	34.2	32.9	32.9	32.3	-0.6
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	37.1	35.2	34.5	34.5	37.8	35.4	39.2	39.0	37.9	38.4	+0.5
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	25.4	24.5	23.5	26.8	28.8	27.3	29.1	26.6	27.7	26.7	-1.0
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32.2	31.4	32.6	32.2	37.6	31.4	38.1	33.7	36.1	35.0	-1.1
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.9	29.2	27.4	29.4	31.4	31.0	32.3	32.0	31.7	30.6	-1.1
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	36.4	30.0	35.0	35.2	35.5	37.2	35.9	35.6	37.5	39.3	+1.9
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	37.2	38.2	32.5	34.1	38.2	31.5	33.7	34.8	33.4	34.8	+1.4
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26.5	25.2	26.4	29.1	31.2	31.0	34.5	30.1	30.8	26.5	-4.2
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	26.6	23.2	25.4	27.1	24.7	32.7	33.5	32.2	32.8	+0.7
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.4	26.1	29.4	28.7	32.0	31.5	31.5	32.2	29.2	30.5	+1.3
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.5	29.8	26.9	29.9	31.7	33.0	33.7	34.0	35.4	34.5	-0.8
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	29.4	33.7	32.0	34.4	36.9	28.2	38.2	31.4	32.5	30.5	-2.0
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20.4	20.5	23.6	25.7	25.4	18.8	23.7	24.6	20.8	28.4	+7.7
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30.2	30.0	26.4	30.3	30.0	27.4	31.5	28.0	30.5	33.1	+2.6
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.0	31.3	29.2	29.9	34.4	31.1	32.7	34.1	34.0	31.2	-2.8
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34.4	29.4	32.8	33.5	36.5	35.8	37.7	36.0	32.8	31.9	-1.0
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40.5	34.3	30.4	30.7	34.9	34.6	39.8	39.9	40.6	35.5	-5.1
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34.7	33.6	34.0	36.4	36.6	37.7	39.3	37.8	37.0	-0.8
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.0	12.5	14.1	13.2	13.0	13.8	13.8	14.9	14.9	-0.1
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	27.2	24.8	23.0	24.2	26.2	26.9	25.9	27.5	29.8	+2.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on two of six forms; N is two-sixths of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-44
Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Eighth and Tenth Graders

Percent reporting 5+ drinks in a row on one or more occasions

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	12.9	13.4	13.5	14.5	14.5	15.6	14.5	13.7	15.2	14.1	-1.1	22.9	21.1	23.0	23.6	24.0	24.8	25.1	24.3	25.6	26.2	+0.6
Gender:																						
Male	14.3	13.9	14.8	16.0	15.1	16.5	15.3	14.4	16.4	14.4	-2.1s	26.4	23.7	26.5	28.5	26.3	27.2	28.6	26.7	29.7	29.8	+0.1
Female	11.4	12.8	12.3	13.0	13.9	14.5	13.5	12.7	13.9	13.6	-0.3	19.5	18.6	19.3	18.7	21.5	22.3	21.7	22.2	21.8	22.5	+0.7
College Plans:																						
None or under 4 yrs.	24.4	26.4	29.3	29.3	29.2	29.9	30.3	30.5	33.9	29.3	-4.5	33.0	31.8	35.1	36.4	37.5	38.2	39.4	38.2	39.3	39.3	0.0
Complete 4 yrs.	11.1	11.5	11.3	12.5	12.7	13.3	12.5	11.6	13.0	12.3	-0.8	20.8	18.9	20.5	20.8	21.5	22.5	22.7	22.0	23.4	24.2	+0.8
Region:																						
Northeast	10.3	10.7	10.0	12.6	12.6	15.1	13.0	11.3	14.5	13.8	-0.7	25.1	19.9	23.2	21.3	22.1	23.8	23.4	25.6	28.1	25.4	-2.7
North Central	13.4	14.2	12.8	13.7	14.2	16.0	14.2	14.4	17.4	15.6	-1.8	23.7	21.3	23.5	24.8	25.3	25.3	24.0	24.2	27.1	28.3	+1.2
South	14.1	14.8	15.5	14.9	15.7	15.8	15.3	14.2	15.7	13.7	-2.1	22.7	21.5	22.6	24.6	24.5	25.6	25.6	25.2	24.2	24.9	+0.7
West	12.3	12.8	15.0	16.5	14.4	15.3	14.6	13.9	12.2	13.3	+1.1	20.7	21.7	22.5	22.5	23.1	23.6	27.9	21.8	23.8	26.5	+2.7
Population Density:																						
Large MSA	12.4	12.5	10.6	12.3	12.3	14.5	13.7	12.2	13.1	12.8	-0.3	21.6	19.3	20.9	19.0	20.2	22.2	22.5	20.0	24.3	25.7	+1.4
Other MSA	12.4	14.0	14.5	15.7	14.2	15.7	14.0	13.0	14.2	12.8	-1.4	22.1	20.0	21.2	24.4	24.1	24.9	24.8	24.0	24.6	25.4	+0.8
Non-MSA	14.4	13.5	15.5	14.4	17.8	16.9	16.4	16.6	19.7	18.5	-1.3	25.5	25.2	28.1	26.8	28.1	27.6	28.9	30.1	29.3	28.2	-1.1
Parental Education:[a]																						
1.0-2.0 (Low)	21.8	21.8	19.7	20.4	23.2	20.1	22.5	20.0	23.7	22.5	-1.2	25.7	25.6	26.8	25.5	30.5	27.2	25.5	26.5	28.4	27.5	-0.9
2.5-3.0	15.1	16.0	15.6	17.1	17.8	18.4	16.2	16.4	19.6	18.7	-0.8	26.0	22.4	25.7	25.7	26.7	27.8	26.1	27.9	28.7	29.4	+0.7
3.5-4.0	12.8	13.0	13.9	14.8	15.0	15.9	15.8	14.5	16.1	13.2	-2.9ss	21.7	21.3	22.8	24.7	24.6	25.4	26.5	24.8	25.6	26.1	+0.4
4.5-5.0	10.2	10.3	10.3	11.8	11.0	13.1	11.7	10.9	11.0	10.0	-1.0	20.8	19.7	19.9	21.7	21.6	22.0	23.1	21.5	23.3	25.0	+1.7
5.5-6.0 (High)	9.8	9.5	10.1	11.2	10.5	12.1	10.6	10.7	11.2	11.0	-0.2	22.4	19.5	20.4	19.3	19.0	24.0	24.0	21.5	24.9	24.6	-0.3
Race (2-year average):[b]																						
White	—	12.7	12.6	12.9	13.9	15.1	15.1	14.1	14.3	14.9	+0.6	—	23.2	23.0	24.5	25.4	26.2	26.9	27.0	27.2	28.1	+0.9
Black	—	9.6	10.7	11.8	10.8	10.4	9.8	9.0	9.9	10.0	+0.1	—	15.0	14.8	14.0	13.3	12.2	12.7	12.8	12.7	12.9	+0.2
Hispanic	—	20.4	21.4	22.3	22.0	21.0	20.7	20.4	20.9	19.1	-1.8	—	22.9	23.8	24.2	26.8	29.6	27.5	26.3	27.5	28.3	+0.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-45
Alcohol: Trends in Two-Week Prevalence of Five or More Drinks in a Row by Subgroups for Twelfth Graders

Percent reporting 5+ drinks in a row on one or more occasions

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	36.8	37.1	39.4	40.3	41.2	41.2	41.4	40.5	40.8	38.7	36.7	36.8	37.5	34.7	33.0	32.2	29.8	27.9	27.5	28.2	29.8	30.2	31.3	31.5	30.8	30.0	-0.8
Gender:																											
Male	49.0	47.9	50.0	51.4	51.9	52.1	51.6	49.8	50.4	47.5	45.3	46.1	46.1	43.0	41.2	39.1	37.8	35.6	34.6	37.0	36.9	37.0	37.9	39.2	38.1	36.7	-1.4
Female	26.4	25.9	29.3	29.6	30.9	30.5	30.8	31.1	31.0	29.6	28.2	28.1	29.2	26.5	24.9	24.4	21.2	20.3	20.7	20.2	23.0	23.5	24.4	24.0	23.6	23.5	-0.1
College Plans:																											
None or under 4 yrs.	—	41.8	44.7	44.3	44.5	46.3	46.7	45.7	44.9	43.5	41.6	41.3	42.7	38.5	38.2	35.8	34.4	32.8	32.7	34.0	35.2	33.9	36.2	36.3	35.4	35.7	+0.3
Complete 4 yrs.	—	31.5	33.9	35.9	37.7	36.9	37.4	36.5	37.2	34.6	33.0	34.1	35.0	32.8	30.5	30.3	27.9	26.0	25.8	26.3	27.8	28.8	29.5	30.0	29.5	27.6	-1.9
Region:																											
Northeast	43.0	40.8	40.0	43.5	47.4	48.0	49.3	43.3	42.2	42.9	42.4	37.1	37.2	34.3	33.3	37.2	33.4	25.8	30.3	29.2	31.2	33.7	33.5	33.5	33.7	35.1	+1.4
North Central	40.6	42.8	44.5	45.3	44.8	45.4	44.9	47.9	47.2	44.3	39.7	42.6	43.5	39.9	40.4	37.9	34.6	34.6	30.1	31.9	34.3	31.5	31.6	32.6	31.6	33.9	+2.3
South	32.1	30.8	36.3	36.4	36.7	34.4	34.7	34.6	37.6	33.5	29.7	31.7	33.4	30.4	28.5	27.2	26.3	24.7	27.1	26.9	28.6	30.2	30.6	30.7	30.0	24.9	-5.1ss
West	29.0	32.8	34.2	33.3	34.0	36.0	35.6	32.5	33.3	34.5	36.1	35.9	36.6	35.4	30.8	26.3	26.3	26.0	22.0	24.5	24.2	24.0	29.6	29.5	28.6	29.3	+0.7
Population Density:																											
Large MSA	37.9	37.0	38.1	39.5	42.2	44.8	43.4	40.9	38.8	37.9	37.6	36.4	34.8	32.5	28.8	34.5	28.6	25.5	27.6	26.8	28.3	29.8	29.9	27.9	27.1	29.7	+2.6
Other MSA	36.1	36.8	39.5	40.1	40.8	38.9	39.5	39.7	41.0	37.3	35.4	35.5	38.6	35.3	33.7	31.8	30.1	27.0	26.5	27.1	28.4	30.3	31.1	33.1	32.2	29.3	-2.9
Non-MSA	36.9	38.0	40.5	41.3	40.9	41.4	42.2	41.3	42.0	41.2	37.6	39.1	38.3	35.9	35.8	30.6	30.4	31.9	29.2	31.5	34.0	30.5	33.2	32.4	32.4	31.7	-0.7
Parental Education:[a]																											
1.0-2.0 (Low)	31.6	34.1	35.6	36.3	36.0	37.0	37.0	35.3	37.2	34.8	31.8	31.7	33.9	30.7	25.4	25.3	26.8	23.4	21.9	24.0	26.6	24.8	22.6	26.3	27.4	25.1	-2.3
2.5-3.0	37.5	41.1	41.8	40.9	42.3	43.3	43.2	41.4	41.2	39.8	38.2	37.9	38.9	35.7	34.0	32.7	29.9	28.1	27.6	28.5	31.2	28.6	30.4	30.3	30.8	29.2	-1.7
3.5-4.0	35.1	36.4	39.5	41.3	41.4	42.1	42.4	42.4	40.9	39.3	36.9	37.9	38.3	34.7	34.3	32.0	30.4	27.9	28.4	28.4	29.5	29.8	31.0	33.2	30.5	30.5	0.0
4.5-5.0	34.4	36.9	37.2	42.4	43.8	40.8	40.8	41.9	41.9	38.6	37.1	37.1	37.2	35.1	34.2	34.5	29.9	28.1	28.4	29.3	29.9	32.4	32.4	32.3	30.6	29.9	-0.7
5.5-6.0 (High)	29.9	34.5	41.1	37.2	41.9	38.5	39.3	40.9	42.1	38.2	34.9	36.7	37.2	34.7	31.8	34.1	30.6	30.4	29.0	29.0	30.7	33.1	34.9	32.4	34.2	32.7	-1.4
Race (2-year average):[b]																											
White	—	—	40.5	42.4	43.5	44.3	44.9	44.9	44.5	43.6	41.5	40.3	40.9	40.0	37.9	36.6	34.6	32.1	31.3	31.5	32.3	33.4	35.1	36.4	35.7	34.6	-1.1
Black	—	—	19.0	19.3	18.9	17.7	17.1	17.1	18.3	17.2	15.7	16.4	15.8	15.2	15.7	14.4	11.7	11.3	12.6	14.4	14.9	15.3	13.4	12.3	12.3	11.5	-0.9
Hispanic	—	—	36.4	37.2	33.6	33.1	34.8	32.9	32.5	33.0	31.7	30.8	33.0	33.7	28.8	25.6	27.9	31.1	27.2	24.3	26.6	27.1	27.6	28.1	29.3	31.0	+1.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-46
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last thirty days																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	14.3	15.5	16.7	18.6	19.1	21.0	19.4	19.1	17.5	14.6	-2.8sss	20.8	21.5	24.7	25.4	27.9	30.4	29.8	27.6	25.7	23.9	-1.8
Gender:																						
Male	15.5	14.9	17.2	19.3	18.8	20.6	19.1	18.0	16.7	14.3	-2.4ss	20.8	20.6	24.6	26.6	27.7	30.1	28.2	26.2	25.2	23.8	-1.4
Female	13.1	15.9	16.3	17.9	19.0	21.1	19.5	19.8	17.7	14.7	-3.0ss	20.7	22.2	24.5	23.9	27.9	30.8	31.1	29.1	25.8	23.6	-2.2
College Plans:																						
None or under 4 yrs.	29.2	31.9	34.1	36.6	36.5	39.2	40.0	40.1	40.3	34.7	-5.7s	36.5	35.0	41.9	42.2	46.3	46.2	47.2	45.2	44.0	38.6	-5.5s
Complete 4 yrs.	11.8	13.1	14.3	16.1	16.8	18.2	16.9	16.5	14.5	12.2	-2.3ss	17.3	18.6	21.0	21.7	24.7	27.8	26.8	24.5	22.7	21.5	-1.2
Region:																						
Northeast	13.7	14.4	15.0	17.8	18.6	22.1	18.0	15.6	15.7	13.7	-2.0	22.4	21.9	27.1	24.5	27.8	31.7	29.3	30.1	28.0	23.9	-4.1
North Central	15.5	16.5	16.3	18.5	20.9	23.2	20.0	22.3	21.3	17.1	-4.2s	22.9	24.3	26.0	28.8	30.1	32.5	31.7	29.5	30.2	27.1	-3.1
South	15.7	17.0	18.2	19.5	19.4	21.1	21.0	21.1	18.7	14.7	-4.0ss	21.2	19.8	24.0	25.7	30.8	33.4	32.2	29.8	26.3	25.5	-0.8
West	10.0	12.2	16.4	18.0	16.5	17.1	17.1	15.1	12.1	12.2	+0.1	16.7	20.2	21.2	20.1	19.6	20.8	23.2	19.6	17.5	16.8	-0.7
Population Density:																						
Large MSA	12.8	15.0	14.1	15.5	16.5	19.4	15.8	16.4	12.7	12.1	-0.6	19.7	21.6	22.5	22.3	23.3	26.2	26.6	22.5	22.9	23.1	+0.2
Other MSA	14.9	15.3	17.8	20.7	19.4	21.4	19.7	17.7	16.0	13.1	-2.9ss	20.3	20.3	23.8	26.3	28.9	31.1	28.9	26.6	25.0	21.3	-3.7ss
Non-MSA	14.8	16.4	17.9	17.8	21.5	22.1	22.8	24.8	26.1	21.1	-5.0ss	22.7	23.7	28.2	26.7	31.3	33.9	34.9	35.7	30.4	29.4	-1.0
Parental Education:[a]																						
1.0-2.0 (Low)	26.2	24.1	23.3	26.1	25.3	26.5	26.9	26.7	26.6	22.0	-4.6	23.5	28.4	29.5	26.4	30.9	28.7	28.2	28.0	30.5	29.3	-1.2
2.5-3.0	16.4	16.9	19.8	20.6	22.7	24.4	22.4	23.9	23.5	19.6	-3.9ss	24.1	23.3	28.0	29.1	33.2	33.8	33.2	33.0	29.6	26.8	-2.8
3.5-4.0	13.9	14.9	17.4	20.1	20.8	21.4	20.9	21.4	17.0	14.7	-2.3	20.4	20.6	24.8	26.0	27.8	31.6	30.9	27.3	26.0	25.3	-0.7
4.5-5.0	10.1	13.3	12.5	14.9	14.9	18.4	16.2	14.2	12.3	10.2	-2.1s	18.5	19.5	20.1	22.6	25.9	28.7	28.5	25.7	22.4	21.2	-1.3
5.5-6.0 (High)	11.3	11.5	13.3	15.1	14.5	17.3	15.3	13.8	12.2	9.8	-2.5	18.5	18.9	21.4	20.7	21.8	27.8	24.6	22.5	21.4	19.1	-2.3
Race (2-year average):[b]																						
White	—	16.2	17.8	18.9	20.7	22.7	22.8	21.5	20.1	17.7	-2.4s	—	24.1	26.0	27.8	29.7	32.9	34.4	33.2	30.8	28.2	-2.6s
Black	—	5.3	6.6	8.7	8.9	9.6	10.9	10.6	10.7	9.6	-1.2	—	6.6	7.5	9.8	11.5	12.2	12.8	13.7	12.5	11.1	-1.4
Hispanic	—	16.7	18.3	21.3	21.6	19.6	19.1	20.1	20.5	16.6	-3.9	—	18.3	20.5	19.4	21.4	23.7	23.0	21.3	21.1	19.6	-1.5

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-47
Cigarettes: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last thirty days																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	36.7	38.8	38.4	36.7	34.4	30.5	29.4	30.0	30.3	29.3	30.1	29.6	29.4	28.7	28.6	29.4	28.3	27.8	29.9	31.2	33.5	34.0	36.5	35.1	34.6	31.4	-3.2ss
Gender:																											
Male	37.2	37.7	36.6	34.5	31.2	26.8	26.5	26.8	28.0	25.9	28.2	27.9	27.0	28.0	27.7	29.1	29.0	29.2	30.7	32.9	34.5	34.9	37.3	36.3	35.4	32.8	-2.5
Female	35.9	39.1	39.6	38.1	37.1	33.4	31.6	32.6	31.6	31.9	31.4	30.6	31.4	28.9	29.0	29.2	27.5	26.1	28.7	29.2	32.0	32.4	35.2	33.3	33.5	29.7	-3.8s
College Plans:																											
None or under 4 yrs.	—	46.3	46.2	44.6	43.0	39.6	38.1	38.7	38.0	37.9	40.5	38.5	39.7	37.5	38.0	37.5	38.1	38.6	37.3	40.9	43.5	45.0	45.7	46.7	44.9	43.6	-1.3
Complete 4 yrs.	—	29.8	29.4	27.4	26.0	22.3	22.3	22.1	23.3	22.7	22.8	24.0	24.3	24.4	24.1	25.4	24.2	23.8	27.3	28.0	29.9	30.8	33.1	31.3	31.4	27.3	-4.1sss
Region:																											
Northeast	40.1	41.8	43.0	40.6	37.0	34.1	31.5	32.1	34.6	33.5	34.2	35.2	34.1	31.2	29.4	31.9	30.5	29.6	34.2	33.2	34.4	38.5	40.6	35.9	34.2	33.1	-1.1
North Central	39.5	41.3	40.5	39.0	36.6	31.5	32.4	33.5	33.2	31.4	34.1	32.5	31.7	31.1	34.9	34.0	34.6	31.7	33.2	36.2	37.8	37.7	39.3	40.0	37.8	35.6	-2.2
South	36.2	39.1	37.6	35.7	35.4	31.8	28.9	29.4	28.7	28.6	25.6	26.1	26.0	28.0	26.4	26.1	25.4	26.4	29.0	30.7	33.5	33.2	35.0	34.3	36.2	29.6	-6.7sss
West	26.3	28.3	27.7	27.3	24.8	21.2	21.8	20.4	21.8	22.9	26.3	23.3	26.6	23.9	22.7	25.1	23.2	22.8	22.9	24.0	26.5	24.4	30.5	29.1	27.6	28.1	+0.5
Population Density:																											
Large MSA	39.7	40.4	40.9	37.5	33.4	31.2	30.6	32.1	30.8	31.3	31.9	30.8	29.3	26.9	25.9	27.9	26.2	25.6	29.5	29.0	33.9	32.1	34.9	32.9	30.0	27.4	-2.6
Other MSA	35.1	35.9	36.1	34.3	33.5	29.7	27.4	27.8	29.1	28.2	28.5	28.0	28.2	28.3	28.2	29.6	29.3	26.9	29.8	31.1	31.7	32.6	35.7	34.2	35.0	31.5	-3.6s
Non-MSA	36.7	40.9	39.2	39.4	36.4	30.9	30.9	31.2	31.5	29.3	30.8	31.0	31.8	31.4	32.2	30.4	28.6	31.5	30.3	33.8	36.2	38.2	40.0	39.7	38.7	36.3	-2.5
Parental Education:[a]																											
1.0-2.0 (Low)	37.2	43.2	39.6	38.1	38.1	32.7	32.5	32.6	32.7	33.6	32.3	28.6	28.8	28.1	25.4	26.3	31.3	27.1	26.5	26.2	31.2	31.5	31.2	32.3	33.0	31.3	-1.7
2.5-3.0	37.0	41.2	40.8	39.3	35.9	34.2	31.7	32.0	32.2	31.8	32.3	32.3	31.4	29.9	30.8	30.8	28.7	30.3	30.4	32.8	35.0	35.5	36.5	36.0	37.3	32.2	-5.1ss
3.5-4.0	31.9	35.3	37.3	34.0	33.3	28.0	28.2	29.0	28.0	28.1	29.7	29.7	28.8	27.8	29.4	29.3	28.4	27.8	29.9	31.4	33.2	33.2	35.6	36.7	35.0	32.8	-2.2
4.5-5.0	32.3	35.0	33.0	32.6	30.1	25.7	26.0	25.5	27.8	25.2	27.7	26.4	27.6	28.6	27.0	29.1	26.9	25.8	30.1	32.0	32.6	34.5	37.5	34.2	32.4	30.2	-2.2
5.5-6.0 (High)	26.8	30.8	32.8	31.9	29.6	24.0	22.5	25.1	25.5	23.7	22.6	26.7	29.3	27.8	26.3	28.6	27.1	25.5	30.5	30.4	34.0	32.9	38.5	33.1	34.4	27.4	-7.0ss
Race (2-year average):[b]																											
White	—	—	38.3	37.6	36.0	33.0	30.5	30.7	31.3	31.2	31.3	31.9	32.1	32.2	32.2	32.3	32.2	31.8	33.2	35.2	36.6	38.1	40.7	41.7	40.1	37.9	-2.2
Black	—	—	36.7	32.7	30.2	26.8	23.7	21.8	21.2	19.3	18.1	16.9	14.2	13.3	12.6	12.2	10.6	8.7	9.5	10.9	12.9	14.2	14.3	14.9	14.9	14.3	-0.6
Hispanic	—	—	35.7	32.8	26.8	22.6	23.2	24.7	24.7	25.3	25.5	23.7	22.7	21.9	20.6	21.7	24.0	25.0	24.2	23.6	25.1	25.4	25.9	26.6	27.3	27.7	+0.4

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-48

Cigarettes: Trends in Thirty-Day Prevalence Of Daily Use by Subgroups for Eighth and Tenth Graders

Percent who used daily in last thirty days

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	7.2	7.0	8.3	8.8	9.3	10.4	9.0	8.8	8.1	7.4	-0.7	12.6	12.3	14.2	14.6	16.3	18.3	18.0	15.8	15.9	14.0	-1.9s
Gender:																						
Male	8.1	6.9	8.8	9.5	9.2	10.5	9.0	8.1	7.4	7.0	-0.4	12.4	12.1	13.8	15.2	16.3	18.1	17.2	14.7	15.6	13.7	-1.8s
Female	6.2	7.2	7.8	8.0	9.2	10.1	8.7	9.0	8.4	7.5	-1.0	12.5	12.4	14.3	13.7	16.1	18.6	18.5	16.8	15.9	14.1	-1.8
College Plans:																						
None or under 4 yrs.	18.5	20.1	21.5	22.6	22.5	26.0	25.4	25.2	25.2	21.7	-3.5	25.7	25.5	28.9	28.9	32.7	34.3	35.4	31.7	32.1	28.8	-3.3
Complete 4 yrs.	5.3	5.1	6.4	6.8	7.5	8.0	6.9	6.6	5.9	5.6	-0.3	9.6	9.5	11.0	11.5	13.3	15.5	15.0	12.9	13.2	11.6	-1.6s
Region:																						
Northeast	7.2	7.1	7.1	8.6	9.2	11.0	8.8	6.1	7.2	6.9	-0.3	14.3	13.1	16.3	14.1	15.8	18.8	18.0	18.7	17.7	14.1	-3.6
North Central	7.8	7.6	8.5	9.4	11.0	12.4	10.3	11.2	11.5	9.0	-2.6s	14.3	14.3	15.1	16.9	17.6	20.6	19.5	17.3	19.6	16.3	-3.3
South	7.9	7.8	9.3	9.4	9.4	10.4	9.5	10.2	8.5	7.8	-0.8	12.8	11.4	13.9	15.5	19.3	20.5	20.5	17.1	16.3	15.7	-0.6
West	4.6	4.8	7.4	7.4	7.0	7.5	6.8	5.8	3.8	4.9	+1.1	9.1	10.7	10.9	9.7	9.4	10.7	11.1	8.8	9.1	7.8	-1.4
Population Density:																						
Large MSA	6.3	6.3	5.7	6.6	7.6	9.5	7.0	6.7	5.4	5.6	+0.2	12.3	11.7	12.3	12.0	12.6	15.3	15.7	12.2	13.2	13.8	+0.6
Other MSA	7.7	7.2	9.1	9.5	9.3	10.2	8.7	7.9	7.4	6.3	-1.1	11.7	11.6	13.6	15.5	17.5	18.8	16.9	15.1	15.5	12.1	-3.4ss
Non-MSA	7.3	7.8	10.1	9.6	11.1	11.8	11.7	12.7	12.7	11.8	-1.0	14.3	14.5	16.9	15.5	18.4	20.8	22.5	21.1	19.7	17.5	-2.2
Parental Education:[a]																						
1.0-2.0 (Low)	15.9	11.9	12.7	13.0	15.8	13.6	14.3	13.0	14.7	13.1	-1.7	16.0	17.8	19.3	15.5	20.0	19.3	17.7	17.4	20.1	18.9	-1.2
2.5-3.0	8.6	8.4	9.7	11.3	11.3	14.0	11.7	12.0	11.4	11.3	0.0	15.5	13.9	16.9	17.6	21.6	23.1	22.1	21.3	19.1	17.6	-1.5
3.5-4.0	6.5	6.9	8.5	8.9	9.4	10.1	9.2	9.7	8.1	6.7	-1.4	12.0	11.8	13.6	15.9	17.0	19.4	18.9	14.9	16.6	14.2	-2.4s
4.5-5.0	4.0	5.2	5.9	6.1	7.2	7.6	6.8	5.7	4.6	3.9	-0.8	10.6	10.5	10.7	11.5	12.6	14.8	15.6	12.9	13.0	11.5	-1.5
5.5-6.0 (High)	4.9	4.2	6.3	5.8	5.7	7.4	5.5	5.2	5.1	4.1	-0.9	9.6	9.0	10.5	9.6	10.3	13.6	12.0	11.1	11.2	9.8	-1.4
Race (2-year average):[b]																						
White	—	7.7	8.8	9.7	10.5	11.7	11.4	10.4	9.7	9.0	-0.8	—	14.5	15.3	16.5	17.6	20.0	21.4	20.3	19.1	17.7	-1.4
Black	—	1.4	1.8	2.6	2.8	3.2	3.7	3.8	3.8	3.2	-0.6	—	2.8	3.1	3.8	4.7	5.1	5.6	5.8	5.3	5.2	-0.1
Hispanic	—	7.3	7.2	9.0	9.2	8.0	8.1	8.4	8.5	7.1	-1.4	—	8.4	8.9	8.1	9.9	11.6	10.8	9.4	9.1	8.8	-0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-49

Cigarettes: Trends in Thirty-Day Prevalence Daily Use by Subgroups for Twelfth Graders

	Percent who used daily in last thirty days																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	26.9	28.8	28.8	27.5	25.4	21.3	20.3	21.1	21.2	18.7	19.5	18.7	18.7	18.1	18.9	19.1	18.5	17.2	19.0	19.4	21.6	22.2	24.6	22.4	23.1	20.6	-2.5s
Gender:																											
Male	26.9	28.0	27.1	26.0	22.3	18.5	18.1	18.2	19.2	16.0	17.8	16.9	16.4	17.4	17.9	18.6	18.8	17.2	19.4	20.4	21.7	22.2	24.8	22.7	23.6	20.9	-2.8s
Female	26.4	28.8	30.0	28.3	27.8	23.5	21.7	23.2	22.2	20.5	20.6	19.8	20.6	18.1	19.4	19.3	17.9	16.7	18.2	18.1	20.8	21.8	23.6	21.5	22.2	19.7	-2.5
College Plans:																											
None or under 4 yrs.	—	36.5	37.2	35.2	33.8	29.7	29.3	29.5	29.3	27.2	29.6	28.2	29.0	27.4	27.9	28.3	28.4	28.1	27.8	29.8	33.7	33.2	35.6	34.6	34.2	31.7	-2.5
Complete 4 yrs.	—	19.8	19.3	18.3	17.0	13.8	12.9	13.2	13.8	11.9	12.4	12.8	13.3	13.4	14.6	14.7	14.1	12.9	15.9	15.7	17.4	18.9	20.6	18.4	19.5	16.6	-2.9ss
Region:																											
Northeast	31.4	32.3	33.8	32.5	28.6	24.1	23.3	23.4	26.1	23.6	24.9	24.9	24.8	21.4	21.3	22.8	20.9	19.4	23.5	21.3	22.5	27.0	29.4	23.4	23.2	22.8	-0.4
North Central	28.6	30.2	29.4	28.6	27.0	22.0	23.0	24.0	23.4	20.4	22.4	19.9	20.3	19.0	23.0	22.2	23.0	19.0	21.3	23.8	25.7	26.1	28.0	27.8	25.9	23.6	-2.3
South	26.2	29.1	28.7	26.4	25.8	22.6	19.1	20.2	19.4	17.7	16.0	15.8	15.7	17.7	17.1	16.5	16.4	16.7	18.5	19.3	21.7	20.5	22.6	21.8	24.2	19.4	-4.8ss
West	17.3	19.4	19.2	19.1	17.0	14.0	13.1	12.7	13.0	12.4	14.2	13.4	14.9	14.0	13.8	14.8	13.9	13.3	13.0	12.4	14.5	13.8	17.5	15.5	17.3	16.9	-0.4
Population Density:																											
Large MSA	30.8	30.4	30.9	29.2	24.5	21.6	21.9	23.5	22.1	21.5	21.9	20.6	20.3	18.0	16.7	19.0	16.7	16.6	17.3	17.7	21.3	20.7	23.7	20.6	18.6	16.7	-1.9
Other MSA	25.6	27.1	27.2	25.7	25.0	21.3	19.0	19.3	20.2	17.4	17.7	17.0	17.6	17.7	19.0	19.0	19.0	15.9	19.7	19.2	19.9	21.9	23.9	21.2	22.8	21.1	-1.8
Non-MSA	25.8	29.5	29.1	28.7	26.5	21.2	20.7	21.3	21.7	18.2	19.9	19.8	19.3	18.8	20.9	19.5	19.0	20.3	19.2	21.6	24.8	24.1	26.8	27.2	28.5	24.5	-4.0
Parental Education:[a]																											
1.0-2.0 (Low)	27.2	32.7	29.6	28.6	29.1	23.7	24.1	24.6	24.0	23.2	22.7	20.4	19.7	19.2	17.1	16.7	21.2	16.5	17.6	16.9	21.3	21.1	21.9	21.7	23.8	22.8	-0.9
2.5-3.0	27.2	31.3	31.5	30.3	26.5	24.7	22.5	23.1	23.2	21.5	21.8	21.4	21.1	19.6	21.5	21.0	19.8	20.4	20.2	22.4	24.6	24.4	26.0	24.7	26.9	22.9	-4.0s
3.5-4.0	22.1	25.8	28.1	24.8	24.5	19.4	19.0	19.7	18.8	16.4	19.3	19.4	17.8	17.5	19.0	19.3	18.5	16.9	18.9	18.9	21.6	21.2	23.8	23.8	23.6	21.2	-2.4
4.5-5.0	22.9	24.5	23.7	23.2	21.2	16.6	16.1	16.8	17.5	14.1	16.0	13.9	16.5	16.5	17.2	18.3	16.2	15.0	18.9	18.7	19.7	22.4	24.9	20.6	20.6	18.6	-2.0
5.5-6.0 (High)	17.4	22.8	21.7	22.8	20.6	15.0	13.9	14.5	17.2	14.1	11.2	13.6	16.6	15.1	15.8	16.5	16.1	12.8	16.6	17.3	18.5	20.0	22.9	17.4	19.0	15.2	-3.8s
Race (2-year average):[b]																											
White	—	—	28.9	28.3	26.9	23.9	21.4	21.6	22.1	21.0	20.4	20.6	20.5	20.6	21.1	21.8	21.5	20.5	21.4	22.9	23.9	25.4	27.8	28.3	26.9	25.7	-1.2
Black	—	—	24.9	22.7	20.9	17.4	14.6	13.1	12.5	10.7	9.9	9.4	7.9	7.3	6.4	5.8	5.1	4.2	4.1	4.9	6.1	7.0	7.2	7.4	7.7	8.0	+0.3
Hispanic	—	—	22.6	20.4	15.8	12.8	13.6	14.3	14.9	13.9	11.8	11.3	11.0	10.9	10.8	10.9	11.5	12.5	11.8	10.6	11.6	12.9	14.0	13.6	14.0	15.7	+1.7

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-50
Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More by Subgroups for Eighth and Tenth Graders

	Percent who used daily in last thirty days																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	3.1	2.9	3.5	3.6	3.4	4.3	3.5	3.6	3.3	2.8	-0.5	6.5	6.0	7.0	7.6	8.3	9.4	8.6	7.9	7.6	6.2	-1.4ss
Gender:																						
Male	3.7	3.1	4.3	4.2	3.7	4.7	3.7	3.5	3.1	2.8	-0.3	6.9	6.5	7.8	8.2	8.7	9.9	8.9	8.1	7.8	6.7	-1.0
Female	2.4	2.7	2.7	2.9	3.2	3.7	3.1	3.3	3.3	2.6	-0.7	6.0	5.1	6.2	6.7	7.7	9.0	8.2	7.8	7.3	5.6	-1.7s
College Plans:																						
None or under 4 yrs.	10.1	10.8	11.9	11.7	11.4	13.5	11.6	13.8	13.4	10.3	-3.0	15.9	15.3	18.5	18.5	20.9	22.4	22.0	20.6	18.9	16.0	-2.9
Complete 4 yrs.	1.9	1.7	2.2	2.4	2.3	2.8	2.4	2.2	2.0	1.8	-0.2	4.4	4.0	4.6	5.2	6.1	7.1	6.3	5.6	5.7	4.5	-1.2ss
Region:																						
Northeast	3.3	2.8	2.7	3.7	3.7	4.1	3.7	2.1	3.1	3.3	+0.3	7.8	5.9	8.5	7.8	7.7	9.1	8.8	10.0	9.1	6.0	-3.1s
North Central	3.3	3.2	3.5	3.9	4.4	5.3	4.1	4.6	5.7	3.4	-2.3ss	7.1	7.3	7.7	8.3	9.5	10.9	9.3	9.1	9.9	8.1	-1.8
South	3.4	3.3	4.6	3.9	3.6	4.5	3.7	4.8	2.9	2.8	0.0	7.2	5.5	7.1	8.7	10.3	11.0	10.2	8.9	7.8	7.1	-0.7
West	1.9	2.0	2.2	2.6	1.8	2.7	2.2	1.6	1.2	1.3	+0.2	4.0	5.0	4.3	4.2	3.4	5.0	4.4	3.0	3.0	2.2	-0.9
Population Density:																						
Large MSA	2.4	2.3	2.1	3.0	2.5	3.7	2.7	2.3	1.8	2.1	+0.3	6.9	5.2	5.9	5.8	6.0	7.6	6.6	5.8	6.0	5.7	-0.2
Other MSA	3.3	3.2	3.7	3.9	3.6	3.8	3.2	3.2	2.8	2.2	-0.6	5.8	5.8	6.7	8.5	9.2	9.5	8.0	7.7	7.6	5.6	-2.0ss
Non-MSA	3.4	3.3	5.0	3.7	4.3	5.8	4.8	5.6	5.9	4.6	-1.3	7.6	6.9	8.7	7.8	9.2	11.5	12.0	11.0	9.4	7.8	-1.6
Parental Education:[a]																						
1.0-2.0 (Low)	7.9	6.5	6.4	5.1	8.2	6.5	6.4	6.2	6.2	7.1	+0.9	9.9	10.7	10.8	8.1	12.0	12.1	10.8	9.0	11.3	10.7	-0.5
2.5-3.0	3.7	3.4	3.9	4.9	4.1	6.4	4.8	5.2	4.8	3.8	-1.0	8.9	6.9	8.5	10.1	12.2	13.1	11.4	11.6	10.4	8.5	-1.9
3.5-4.0	2.5	2.6	3.6	3.4	3.6	3.2	3.5	3.7	3.4	2.3	-1.1s	5.8	5.4	7.3	8.0	8.6	10.2	8.8	7.4	7.4	5.9	-1.5
4.5-5.0	1.6	1.8	2.3	2.6	2.0	2.8	2.2	2.0	1.5	1.4	-0.1	4.7	4.7	4.3	5.4	5.0	6.2	6.5	5.9	5.5	4.3	-1.2
5.5-6.0 (High)	1.8	1.5	2.2	2.2	1.5	2.7	1.8	2.1	1.8	1.5	-0.3	4.5	3.7	3.9	4.0	4.0	5.7	4.8	5.4	4.5	3.6	-0.9
Race (2-year average):[b]																						
White	—	3.3	3.8	4.2	4.2	4.6	4.6	4.2	4.0	3.6	-0.4	—	7.4	7.7	8.6	9.3	10.5	11.0	10.4	9.9	8.5	-1.5s
Black	—	0.4	0.7	1.0	0.9	1.3	1.4	1.2	1.3	1.0	-0.3	—	0.8	0.6	1.2	1.8	1.6	1.7	1.8	1.5	1.9	+0.4
Hispanic	—	2.7	2.5	3.1	3.3	2.7	2.4	2.8	3.0	2.3	-0.7	—	3.0	3.0	2.6	3.4	4.3	3.3	3.0	3.1	2.9	-0.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-51

Cigarettes: Trends in Thirty-Day Prevalence of Use of Half-pack a Day or More by Subgroups for Twelfth Graders

	Percent who used daily in last thirty days																										
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	17.9	19.2	19.4	18.8	16.5	14.3	13.5	14.2	13.8	12.3	12.5	11.4	11.4	10.6	11.2	11.3	10.7	10.0	10.9	11.2	12.4	13.0	14.3	12.6	13.2	11.3	-1.9ss
Gender:																											
Male	19.6	19.9	19.7	18.9	15.4	13.5	12.8	13.1	13.1	11.0	12.3	10.7	10.1	11.1	11.2	11.6	11.6	10.4	11.6	12.7	13.2	13.6	15.5	13.5	14.5	11.4	-3.0sss
Female	16.1	18.0	18.9	18.0	17.1	14.7	13.8	14.7	13.6	12.8	12.0	11.6	12.5	9.7	10.7	10.8	9.5	9.2	9.9	9.5	11.1	12.0	12.6	11.1	11.5	10.8	-0.7
College Plans:																											
None or under 4 yrs.	—	25.5	26.9	25.5	23.3	21.2	20.8	21.0	20.9	19.6	20.7	19.2	19.5	18.4	18.6	19.2	18.7	19.1	18.7	19.6	22.6	23.1	23.5	23.7	23.2	20.3	-2.9
Complete 4 yrs.	—	11.9	11.2	11.1	9.8	8.2	7.5	7.8	7.6	6.5	6.5	6.4	7.2	6.8	7.5	7.5	7.1	6.5	8.1	8.2	8.9	10.0	11.0	8.9	10.1	8.1	-2.0ss
Region:																											
Northeast	22.0	22.5	24.2	23.6	19.8	17.0	16.6	15.6	16.6	17.4	17.0	15.6	16.5	13.1	13.6	13.8	12.9	11.1	14.7	12.2	13.4	17.0	19.4	13.6	13.4	13.6	+0.2
North Central	18.8	20.3	20.3	19.8	17.4	15.4	16.0	17.3	17.1	13.0	14.9	12.3	12.3	11.5	14.2	13.7	14.1	11.0	12.5	15.3	14.2	15.1	16.9	16.8	15.0	13.7	-1.4
South	16.8	19.0	18.5	17.0	16.1	14.5	12.0	13.3	12.4	11.3	9.7	10.0	9.4	10.1	9.7	9.4	8.9	10.2	10.4	10.8	12.6	12.0	12.3	11.8	13.9	10.6	-3.4ss
West	11.3	12.4	11.5	12.2	10.8	8.3	7.3	7.1	6.4	7.4	7.6	6.5	8.1	7.7	6.9	8.3	7.2	6.8	6.0	5.9	8.4	6.5	8.2	7.5	9.0	7.5	-1.5
Population Density:																											
Large MSA	21.7	20.1	20.4	19.7	16.2	14.8	15.4	15.9	14.1	14.8	14.4	12.2	13.1	10.8	10.1	11.2	10.2	9.9	9.1	10.2	12.3	11.6	12.8	11.0	9.6	8.2	-1.3
Other MSA	17.4	18.9	18.8	17.9	16.5	13.8	12.4	12.9	13.5	11.4	11.0	9.6	10.0	10.4	11.2	11.0	10.7	8.4	11.2	10.5	11.1	12.8	14.3	11.7	12.6	11.6	-1.0
Non-MSA	15.9	19.0	19.5	19.3	16.7	14.7	13.6	14.2	14.0	11.5	12.9	13.3	12.5	10.7	12.1	12.1	11.1	13.1	11.7	13.7	14.7	14.4	16.0	16.5	18.0	14.5	-3.4s
Parental Education:[a]																											
1.0-2.0 (Low)	18.6	21.3	20.0	19.2	19.5	16.3	16.0	17.1	17.1	16.4	16.1	15.6	13.8	11.2	11.5	10.2	12.5	11.0	10.7	9.5	13.5	13.6	11.9	12.5	15.0	16.1	+1.0
2.5-3.0	17.7	21.4	22.2	21.0	17.6	16.8	15.6	15.9	15.2	14.8	14.2	13.3	13.9	12.4	13.5	13.4	12.4	12.7	12.5	13.7	15.1	14.8	16.4	14.9	16.6	13.8	-2.8s
3.5-4.0	13.9	17.4	18.3	16.9	15.2	12.8	12.5	13.3	11.9	10.5	12.0	11.0	10.5	10.3	10.7	11.6	10.7	9.6	10.4	11.0	12.7	12.3	13.9	13.8	13.1	10.7	-2.5s
4.5-5.0	15.9	15.9	14.8	15.4	12.6	10.3	10.1	10.1	10.5	8.0	9.5	6.8	8.9	8.6	9.2	10.2	7.9	8.1	10.0	10.4	9.8	12.6	14.5	10.3	10.7	9.3	-1.5
5.5-6.0 (High)	9.1	15.9	14.6	14.5	13.6	9.8	8.8	9.3	9.3	7.9	5.4	7.4	8.4	8.3	8.4	7.9	9.0	5.7	8.3	8.8	9.1	10.8	11.2	7.4	9.5	7.1	-2.4
Race (2-year average):[b]																											
White	—	--	20.3	20.2	18.6	16.4	15.0	15.1	15.2	14.2	13.6	13.1	12.9	12.9	12.9	13.3	13.1	12.3	12.8	13.7	14.2	15.2	16.9	16.9	15.9	15.1	-0.9
Black	—	—	10.7	9.7	9.1	7.1	5.8	5.4	4.9	4.1	3.9	3.6	2.9	2.3	1.9	1.8	1.8	1.8	1.5	1.7	2.2	2.5	2.8	2.5	2.4	2.6	+0.2
Hispanic	—	—	11.3	9.0	6.4	5.6	6.1	5.6	5.9	6.1	5.3	5.0	4.1	3.5	4.2	4.2	4.0	4.6	4.5	4.0	4.1	5.3	5.8	5.2	5.8	7.0	+1.2

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-52
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last thirty days

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	6.9	7.0	6.6	7.7	7.1	7.1	5.5	4.8	4.5	4.2	-0.3	10.0	9.6	10.4	10.5	9.7	8.6	8.9	7.5	6.5	6.1	-0.5
Gender:																						
Male	12.7	12.5	10.9	12.8	11.8	11.4	9.9	8.1	6.9	6.7	-0.2	18.7	18.1	19.3	19.2	17.2	15.0	14.9	13.8	12.2	11.4	-0.8
Female	1.4	2.0	2.7	2.4	2.9	2.9	1.5	1.5	2.1	1.8	-0.3	1.3	1.8	2.0	2.1	2.1	2.3	2.7	1.7	1.3	1.3	0.0
College Plans:																						
None or under 4 yrs.	12.7	17.1	15.5	16.7	15.4	16.4	12.6	13.9	13.2	11.4	-1.8	16.9	17.5	20.2	19.9	20.3	16.3	18.5	17.8	13.2	13.9	+0.7
Complete 4 yrs.	6.1	5.5	5.3	6.5	6.0	5.6	4.6	3.8	3.5	3.4	-0.1	8.4	8.0	8.4	8.5	7.8	7.2	7.2	5.7	5.4	4.8	-0.7
Region:																						
Northeast	5.0	4.9	3.4	6.1	5.4	4.9	3.2	2.7	2.5	2.7	+0.2	8.6	5.3	8.0	9.0	7.6	6.8	9.3	6.5	5.2	4.6	-0.7
North Central	7.1	7.5	7.2	7.1	7.6	8.3	6.8	4.3	5.3	4.8	-0.5	11.0	9.6	10.0	10.0	11.0	9.5	7.1	7.9	8.1	6.2	-1.9
South	9.5	9.3	8.0	9.9	8.7	8.1	6.7	6.9	5.9	5.8	-0.1	11.6	11.4	11.8	11.7	10.9	10.2	10.2	9.5	7.9	7.7	-0.2
West	3.5	4.4	6.3	6.0	5.0	5.9	4.1	3.9	2.9	1.9	-1.0	7.8	10.9	11.1	10.9	7.7	6.0	8.2	4.6	4.0	4.5	+0.5
Population Density:																						
Large MSA	4.8	4.2	3.3	4.6	4.1	4.2	3.6	2.9	1.8	2.4	+0.6	5.9	6.4	6.5	6.2	5.9	5.5	4.2	3.7	4.6	5.6	+1.0
Other MSA	6.2	6.9	6.8	6.4	6.7	7.1	4.7	4.1	3.9	3.9	0.0	9.2	9.3	10.1	10.9	9.2	8.4	8.3	5.7	5.3	4.3	-1.0
Non-MSA	10.4	10.3	9.9	13.0	11.2	10.6	9.0	8.5	8.9	7.0	-1.9	14.7	13.3	14.1	13.9	15.0	12.2	14.7	15.1	11.3	9.8	-1.5
Parental Education:[a]																						
1.0-2.0 (Low)	11.4	7.8	9.4	8.9	10.6	6.3	8.3	5.4	6.6	7.4	+0.8	6.6	10.1	10.9	9.4	9.6	8.1	9.0	6.8	7.2	7.4	+0.2
2.5-3.0	8.4	8.5	7.5	8.4	9.9	8.8	6.0	5.1	5.7	5.2	-0.5	12.1	11.0	12.2	12.5	10.4	9.7	9.4	8.2	7.0	6.4	-0.6
3.5-4.0	6.7	7.0	7.5	8.7	7.0	7.2	6.5	5.9	4.5	4.5	0.0	10.6	10.5	10.9	10.2	10.9	8.3	10.3	8.6	7.3	6.3	-1.1
4.5-5.0	4.8	7.0	5.2	6.1	5.0	6.8	4.8	4.4	3.3	2.9	-0.5	9.3	7.6	9.9	9.8	9.8	8.5	7.2	6.9	6.1	6.2	+0.1
5.5-6.0 (High)	6.1	4.6	4.9	6.8	5.8	5.9	3.7	3.9	3.1	3.0	-0.1	8.6	8.1	7.0	8.9	6.0	7.7	8.3	5.2	4.8	4.0	-0.8
Race (2-year average):[b]																						
White	—	8.3	8.0	8.1	8.9	8.8	7.6	6.1	5.4	5.2	-0.2	—	11.4	12.0	12.5	12.0	11.0	10.4	10.0	8.7	7.5	-1.2
Black	—	1.8	2.7	3.2	2.6	2.2	2.6	2.3	2.3	2.7	+0.4	—	2.9	2.3	2.3	2.5	2.5	2.8	2.3	1.6	2.0	+0.4
Hispanic	—	4.2	4.0	5.0	5.7	5.2	4.6	4.5	4.6	3.7	-0.9	—	6.2	6.1	4.3	3.6	4.0	4.6	4.8	4.8	4.5	-0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of two forms in 1991–96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-53
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last thirty days

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990[a]	Class of 1991[a]	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	11.5	11.3	10.3	8.4	—	—	11.4	10.7	11.1	12.2	9.8	9.7	8.8	8.4	7.6	-0.7
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	22.3	22.8	19.9	15.9	—	—	20.8	19.7	20.3	23.6	19.5	18.7	15.6	15.5	14.4	-1.2
Female	—	—	—	—	—	—	—	—	—	—	—	1.6	0.7	1.7	1.2	—	—	2.0	2.3	2.6	1.8	1.1	1.2	1.5	1.3	1.3	0.0
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	14.5	15.5	13.1	9.6	—	—	18.0	14.9	15.8	18.7	17.6	16.9	14.3	10.5	15.8	+5.3
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	9.8	9.0	8.8	7.7	—	—	9.4	9.4	9.3	9.9	7.6	7.4	7.1	7.6	5.4	-2.2
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	9.5	7.3	5.9	5.0	—	—	8.2	9.6	12.0	9.6	8.4	6.9	2.6	4.3	5.3	+1.0
North Central	—	—	—	—	—	—	—	—	—	—	—	13.5	11.3	10.8	8.3	—	—	12.3	13.6	14.7	16.7	12.6	13.4	11.8	8.9	11.1	+2.1
South	—	—	—	—	—	—	—	—	—	—	—	12.2	13.7	12.1	9.8	—	—	12.5	11.1	9.7	11.9	9.2	9.0	10.5	10.7	7.3	-3.4
West	—	—	—	—	—	—	—	—	—	—	—	9.3	11.7	10.9	9.1	—	—	11.1	7.0	8.5	8.6	8.5	9.1	7.3	7.0	6.3	-0.7
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	9.0	6.4	7.7	6.8	—	—	5.9	7.1	7.5	12.5	8.6	6.5	4.7	4.9	4.2	-0.7
Other MSA	—	—	—	—	—	—	—	—	—	—	—	8.9	10.5	8.5	7.6	—	—	11.1	9.9	11.3	9.5	7.4	7.4	7.7	8.5	7.9	-0.6
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	17.1	17.5	16.1	11.7	—	—	16.9	15.0	14.7	16.7	15.3	17.9	16.1	11.7	11.4	-0.3
Parental Education:[b]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	8.6	11.7	10.7	5.3	—	—	14.9	7.0	12.3	9.8	6.3	5.8	6.1	5.4	4.3	-1.1
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	14.4	11.5	10.7	7.0	—	—	12.4	11.6	12.9	11.5	10.4	10.7	9.0	9.1	9.9	+0.9
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	11.5	12.1	10.6	9.0	—	—	12.4	10.8	9.8	12.8	9.1	10.4	9.8	8.8	8.9	0.0
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	10.4	11.7	11.8	10.2	—	—	8.0	13.3	11.1	12.8	11.4	9.1	9.6	8.5	6.2	-2.3
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	7.7	8.1	7.2	8.4	—	—	10.6	7.8	10.2	11.6	8.1	9.9	7.4	7.9	5.7	-2.2
Race (2-year average):[c]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	12.9	12.0	10.6	—	—	—	13.8	13.8	13.8	13.0	12.2	11.8	11.0	10.5	-0.5
Black	—	—	—	—	—	—	—	—	—	—	—	—	2.1	4.5	4.5	—	—	—	2.0	1.9	2.1	2.7	2.2	1.4	1.5	1.5	-0.1
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	4.4	5.2	5.1	—	—	—	6.0	5.4	7.6	8.1	5.3	4.3	3.9	3.8	-0.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of six forms; N is one-sixth of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

CAUTION: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

[a] Prevalence of smokeless tobacco use was not asked of twelfth graders in 1990 and 1991. Prior to 1990 the prevalence of use question on smokeless tobacco was located near the end of one twelfth-grade questionnaire form, whereas after 1991 the question was placed earlier and in a different form. This shift could explain the discontinuities between the corresponding data.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-54
Smokeless Tobacco: Trends in Thirty-Day Prevalence of Daily Use by Subgroups for Eighth and Tenth Graders

Percent who used daily in last thirty days

	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.6	1.8	1.5	1.9	1.2	1.5	1.0	1.0	0.9	0.9	0.0	3.3	3.0	3.3	3.0	2.7	2.2	2.2	2.2	1.5	1.9	+0.3
Gender:																						
Male	3.1	3.4	2.9	3.2	2.2	2.9	1.7	1.8	1.6	1.5	0.0	6.3	6.3	6.4	5.9	5.2	4.2	4.0	4.3	3.2	3.9	+0.7
Female	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.3	+0.2	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.3	0.1	0.2	+0.1
College Plans:																						
None or under 4 yrs.	4.1	5.6	4.4	5.4	3.5	5.1	3.6	6.1	3.8	2.7	-1.1	7.6	8.5	8.8	6.5	7.8	5.4	6.3	6.4	3.6	5.9	+2.3
Complete 4 yrs.	1.2	1.2	1.1	1.4	0.9	1.0	0.6	0.5	0.5	0.7	+0.2	2.3	1.9	2.2	2.2	1.9	1.6	1.5	1.5	1.2	1.2	0.0
Region:																						
Northeast	1.2	0.9	0.6	0.8	0.6	0.8	0.6	0.4	0.1	0.4	+0.3	1.8	1.0	1.7	3.0	2.0	1.3	1.5	1.2	1.2	0.9	-0.3
North Central	1.5	1.6	1.6	1.4	1.1	2.0	1.2	1.3	0.9	1.3	+0.3	3.1	2.9	2.5	2.4	2.5	2.1	1.4	2.1	2.0	2.1	+0.1
South	2.4	3.0	2.2	3.3	1.8	2.0	1.5	1.3	1.6	1.3	-0.4	4.7	4.5	5.2	3.3	4.1	3.3	3.5	3.8	2.0	2.8	+0.7
West	0.6	0.8	1.0	0.9	0.8	0.8	0.2	0.7	0.3	0.2	0.0	2.7	2.9	3.1	3.6	1.1	1.0	1.7	0.8	0.7	1.0	+0.4
Population Density:																						
Large MSA	0.5	0.6	0.7	0.7	0.4	0.4	0.5	0.4	0.3	0.2	0.0	1.5	1.6	1.1	1.0	1.5	0.6	0.8	1.0	0.8	1.6	+0.7
Other MSA	1.2	1.9	1.5	1.0	0.9	1.2	0.8	0.6	0.8	0.8	0.0	3.1	2.8	3.2	3.5	2.3	2.3	1.7	1.5	1.0	1.0	0.0
Non-MSA	3.3	2.8	2.5	4.6	2.6	3.4	1.6	2.6	1.8	2.0	+0.2	5.0	4.9	5.3	4.2	4.9	3.6	4.6	5.0	3.5	3.8	+0.3
Parental Education:[a]																						
1.0-2.0 (Low)	2.8	3.5	2.0	3.0	2.2	1.5	3.2	2.6	0.9	1.4	+0.5	2.5	3.9	4.1	3.2	3.6	1.7	3.8	2.6	1.7	2.4	+0.7
2.5-3.0	2.2	2.6	1.9	2.7	1.7	3.1	1.1	1.5	1.6	1.4	-0.1	4.8	5.0	4.3	3.8	3.4	3.4	2.0	2.8	1.7	2.3	+0.6
3.5-4.0	1.4	1.2	1.8	1.9	1.2	1.7	0.9	1.3	0.8	1.3	+0.5	3.3	2.8	3.1	3.0	2.8	1.4	2.4	2.7	1.6	1.6	0.0
4.5-5.0	0.8	1.3	1.1	1.1	0.9	0.3	0.8	0.5	0.5	0.4	-0.1	2.5	1.7	2.5	2.7	2.9	2.3	1.7	1.8	1.6	1.9	+0.4
5.5-6.0 (High)	1.0	0.9	0.6	0.7	0.8	0.8	0.4	0.5	0.4	0.4	0.0	2.5	1.6	2.7	1.7	1.0	1.4	1.9	0.7	0.8	0.8	0.0
Race (2-year average):[b]																						
White	—	2.0	2.0	2.0	1.9	1.7	1.5	1.2	1.1	0.8	-0.3	—	3.8	3.9	3.8	3.3	2.9	2.5	2.7	2.4	1.7	-0.8
Black	—	0.3	0.4	0.7	0.6	0.4	0.5	0.4	0.4	0.4	0.0	—	0.5	0.4	0.6	0.5	0.4	0.4	0.4	0.3	0.2	-0.1
Hispanic	—	0.8	0.9	0.9	0.7	1.1	0.9	0.8	1.0	0.6	-0.5	—	1.1	1.0	0.8	1.2	1.2	1.3	1.3	0.8	0.7	-0.1

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of two forms in 1991–96 and on two of four forms beginning in 1997; N is one-half of N indicated in Table D-58.

SOURCE: The Monitoring the Future Study, the University of Michigan.

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[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-55

Smokeless Tobacco: Trends in Thirty-Day Prevalence Daily Use by Subgroups for Twelfth Graders

Percent who used daily in last thirty days

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990[a]	Class of 1991[a]	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	4.7	5.1	4.3	3.3	—	—	4.3	3.3	3.9	3.6	3.3	4.4	3.2	2.9	3.2	+0.3
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	10.0	10.7	8.6	6.8	—	—	7.8	6.4	7.2	7.2	7.1	8.6	6.0	5.7	6.5	+0.8
Female	—	—	—	—	—	—	—	—	—	—	—	0.1	0.1	0.5	0.0	—	—	0.5	0.4	0.3	0.1	0.1	0.2	0.0	0.0	0.4	+0.4
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	7.1	7.8	5.8	4.2	—	—	7.4	4.3	6.6	6.5	6.8	9.1	6.5	3.4	7.9	+4.5s
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	3.3	3.7	3.5	2.7	—	—	3.3	3.1	2.8	2.7	2.6	2.7	2.3	2.6	2.0	-0.6
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	4.6	2.1	2.3	1.3	—	—	1.8	1.9	4.5	2.2	3.2	3.5	0.5	1.0	1.3	+0.3
North Central	—	—	—	—	—	—	—	—	—	—	—	4.5	4.5	3.5	2.2	—	—	4.0	4.4	4.7	4.9	4.1	7.0	4.0	3.4	5.0	+1.6
South	—	—	—	—	—	—	—	—	—	—	—	6.1	7.4	6.3	4.2	—	—	5.4	4.0	3.5	4.2	3.1	3.6	4.6	4.0	4.0	0.0
West	—	—	—	—	—	—	—	—	—	—	—	2.9	5.5	4.0	4.9	—	—	5.1	1.7	3.2	1.6	2.9	3.0	1.8	1.9	1.6	-0.4
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	3.4	3.3	3.0	3.0	—	—	2.0	1.7	2.0	2.1	2.6	3.3	0.9	0.5	0.9	+0.4
Other MSA	—	—	—	—	—	—	—	—	—	—	—	3.3	4.3	2.5	2.8	—	—	4.2	3.0	3.6	3.2	1.9	3.3	2.4	3.1	3.7	+0.5
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	7.8	8.5	8.9	4.6	—	—	6.5	5.2	6.7	5.8	6.7	7.7	7.6	4.9	5.3	+0.3
Parental Education:[b]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	1.9	5.6	5.3	1.8	—	—	6.7	3.9	6.6	2.7	2.2	1.3	2.2	2.1	2.9	+0.8
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	7.6	6.9	3.2	3.9	—	—	4.8	3.5	3.8	4.7	3.6	5.8	5.2	3.7	4.2	+0.5
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	3.5	4.7	5.4	3.1	—	—	5.2	3.3	3.3	2.9	3.6	3.7	2.6	3.5	3.9	+0.4
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	3.9	5.0	4.7	4.6	—	—	2.4	3.7	3.9	3.5	4.6	3.9	3.0	1.9	2.1	+0.2
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	3.3	2.1	3.5	1.2	—	—	2.6	1.8	2.7	2.7	1.1	5.0	2.5	2.1	2.5	+0.4
Race (2-year average):[c]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	5.3	5.4	4.5	—	—	—	4.8	4.7	4.6	4.1	5.0	5.2	4.3	4.3	0.0
Black	—	—	—	—	—	—	—	—	—	—	—	—	0.6	1.0	0.5	—	—	—	0.3	0.7	0.6	0.3	0.2	0.0	0.0	0.1	+0.1
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	0.8	2.1	2.1	—	—	—	1.6	0.7	1.2	2.2	1.9	0.8	0.4	0.9	+0.5

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of six forms; N is one-sixth of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

CAUTION: Limited sample sizes (see "Notes" above). Use caution in interpreting subgroup trends.

[a] Prevalence of smokeless tobacco use was not asked of twelfth graders in 1990 and 1991. Prior to 1990 the prevalence of use question on smokeless tobacco was located near the end of one twelfth-grade questionnaire form, whereas after 1991 the question was placed earlier and in a different form. This shift could explain the discontinuities between the corresponding data.

[b] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[c] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-56
Steroids: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

	Percent who used in last twelve months																					
	8th Grade											10th Grade										
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	'99–'00 change
Approx. N =	*17500*	*18600*	*18300*	*17300*	*17500*	*17800*	*18600*	*18100*	*16700*	*16700*		*14800*	*14800*	*15300*	*15800*	*17000*	*15600*	*15500*	*15000*	*13600*	*14300*	
Total	1.0	1.1	0.9	1.2	1.0	0.9	1.0	1.2	1.7	1.7	0.0	1.1	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.7	2.2	+0.5s
Gender:																						
Male	1.8	1.7	1.4	1.8	1.3	1.1	1.3	1.6	2.5	2.2	-0.2	1.9	1.9	1.7	1.9	2.0	1.7	1.8	1.9	2.8	3.6	+0.8s
Female	0.3	0.5	0.3	0.6	0.8	0.7	0.7	0.7	0.9	1.0	+0.1	0.3	0.3	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.8	+0.2
College Plans:																						
None or under 4 yrs.	2.2	2.4	2.2	2.5	2.2	1.5	2.4	2.8	4.0	3.6	-0.4	1.7	1.3	1.9	2.1	2.1	2.1	2.4	1.9	2.6	3.6	+1.0
Complete 4 yrs.	0.8	0.9	0.7	1.0	0.9	0.8	0.8	1.0	1.4	1.5	+0.1	0.9	1.0	0.8	0.9	1.1	1.0	1.0	1.1	1.6	1.9	+0.3
Region:																						
Northeast	0.7	1.1	0.6	1.0	1.0	1.1	1.0	1.1	1.6	1.7	0.0	1.2	0.9	1.0	1.0	1.1	1.0	0.9	1.4	2.0	1.8	-0.2
North Central	1.1	1.2	1.0	1.0	1.1	0.8	1.0	1.2	1.6	1.8	+0.1	1.0	1.1	1.2	1.1	1.2	1.4	1.2	1.1	1.8	2.1	+0.3
South	1.2	1.1	1.0	1.6	1.1	0.9	0.9	1.4	1.9	1.8	-0.1	1.0	1.2	1.0	1.3	1.3	1.4	1.4	1.4	1.7	2.5	+0.8s
West	0.7	0.9	0.7	1.0	1.0	0.8	1.1	0.9	1.4	1.3	-0.1	1.0	1.2	0.8	1.1	1.3	0.6	1.3	0.9	1.4	2.1	+0.8
Population Density:																						
Large MSA	0.8	1.0	0.8	0.9	0.9	0.8	0.9	1.0	1.3	1.6	+0.3	1.5	0.9	0.8	0.8	0.8	0.8	1.0	0.8	1.2	2.3	+1.1ss
Other MSA	1.2	1.2	0.9	1.2	1.2	0.9	0.9	1.2	1.9	1.5	-0.3	1.0	1.0	0.9	1.1	1.4	1.2	1.2	1.3	1.9	2.0	+0.1
Non-MSA	1.0	0.9	0.9	1.5	0.9	0.9	1.2	1.4	1.7	2.0	+0.3	0.8	1.4	1.4	1.5	1.4	1.5	1.5	1.5	2.0	2.5	+0.5
Parental Education:[a]																						
1.0-2.0 (Low)	1.8	1.2	1.2	1.6	1.3	0.9	1.4	1.7	2.2	2.5	+0.4	0.7	0.9	1.5	1.8	1.2	1.7	1.7	1.3	1.2	2.3	+1.1
2.5-3.0	1.1	1.2	0.8	1.6	1.3	0.7	0.9	1.1	1.9	2.1	+0.2	1.3	1.1	1.0	0.9	1.1	0.7	1.1	1.1	1.7	2.2	+0.5
3.5-4.0	1.0	1.0	1.1	1.3	0.8	0.9	1.2	1.4	1.6	1.3	-0.3	1.0	1.2	1.1	0.8	1.6	1.2	1.4	1.7	2.0	2.0	0.0
4.5-5.0	0.7	0.9	0.8	0.8	0.8	1.2	0.9	1.1	1.4	1.6	+0.3	0.9	1.0	0.8	1.4	1.1	1.2	1.0	0.9	1.5	2.4	+0.9s
5.5-6.0 (High)	1.0	1.3	0.6	0.9	1.5	0.9	1.2	1.1	2.0	1.6	-0.4	1.2	1.4	1.1	1.1	1.0	1.1	1.1	1.1	2.4	2.2	-0.2
Race (2-year average):[b]																						
White	—	1.1	1.0	1.0	1.1	0.9	0.9	1.1	1.5	1.9	+0.4	—	1.0	1.0	1.0	1.2	1.3	1.3	1.3	1.5	2.1	+0.6s
Black	—	0.7	0.6	0.8	0.9	0.7	0.6	0.7	0.8	0.7	-0.1	—	0.7	0.8	0.8	0.7	0.7	0.5	0.5	0.7	1.2	+0.5
Hispanic	—	1.2	1.1	1.1	1.3	1.5	1.4	1.4	1.8	1.8	-0.1	—	1.2	1.4	1.3	0.9	1.1	1.2	1.2	1.5	1.8	+0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-58 for the number of subgroup cases.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-57
Steroids: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

Percent who used in last twelve months

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000	'99–'00 change
Approx. N =	*9400*	*15400*	*17100*	*17800*	*15500*	*15900*	*17500*	*17700*	*16300*	*15900*	*16000*	*15200*	*16300*	*16300*	*16700*	*15200*	*15000*	*15800*	*16300*	*15400*	*15400*	*14300*	*15400*	*15200*	*13600*	*12800*	
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.9	1.7	1.4	1.1	1.2	1.3	1.5	1.4	1.4	1.7	1.8	1.7	-0.1
Gender:																											
Male	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.8	2.6	2.4	2.1	2.5	2.1	2.4	2.2	2.5	2.8	3.1	2.5	-0.6
Female	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.3	0.2	0.1	0.1	0.5	0.6	0.4	0.5	0.3	0.6	0.9	+0.3
College Plans:																											
None or under 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.3	2.2	2.1	2.1	2.0	1.9	2.0	2.3	2.3	2.1	3.6	2.0	-1.6
Complete 4 yrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	1.3	1.2	0.8	0.9	1.1	1.2	1.1	1.2	1.4	1.3	1.6	+0.3
Region:																											
Northeast	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	1.3	1.2	0.6	1.5	1.5	1.6	1.3	2.1	0.9	1.3	1.9	+0.7
North Central	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.5	1.3	1.4	1.4	0.8	2.2	1.5	2.1	2.1	2.3	1.6	2.3	+0.8
South	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.1	2.2	1.7	0.6	1.6	1.0	1.7	1.3	0.5	1.6	2.6	1.5	-1.1
West	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.9	1.7	1.0	2.3	1.1	0.8	1.0	0.3	1.6	1.7	1.2	1.1	-0.1
Population Density:																											
Large MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	1.3	1.1	1.0	0.7	1.1	1.4	1.3	0.8	2.1	1.3	1.7	+0.4
Other MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.3	1.5	1.4	1.4	0.9	1.5	1.3	1.3	1.7	1.5	2.0	2.0	-0.1
Non-MSA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.1	2.4	1.6	0.8	2.2	1.3	2.1	1.5	1.6	1.6	1.9	1.2	-0.7
Parental Education:[a]																											
1.0-2.0 (Low)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	1.1	2.0	2.1	1.1	2.8	1.1	1.5	3.4	3.0	1.5	1.3	-0.2
2.5-3.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.1	2.0	0.6	0.9	1.3	1.7	1.3	1.9	1.4	1.4	0.8	1.6	+0.8
3.5-4.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.6	2.3	1.6	1.3	1.5	1.1	1.1	1.3	1.1	1.1	2.5	1.9	-0.5
4.5-5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.1	1.6	0.9	1.3	0.6	2.0	1.1	1.2	1.9	2.2	1.4	-0.8
5.5-6.0 (High)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.1	1.0	0.5	0.8	0.8	1.2	1.4	1.1	1.3	1.5	1.1	2.4	+1.4
Race (2-year average):[b]																											
White	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.6	1.3	1.3	1.2	1.1	1.4	1.3	1.2	1.5	1.7	1.8	+0.1
Black	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.8	1.2	0.5	1.1	1.8	1.2	1.4	1.5	0.9	0.7	1.0	+0.3
Hispanic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.3	3.3	1.8	0.9	1.7	1.3	0.6	1.6	2.4	2.9	2.4	-0.6

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
Any apparent inconsistency between the change estimate and the prevalence of use estimates for the two most recent classes is due to rounding error.
See Table D-59 for the number of subgroup cases.
See Appendix B for definition of variables in table.
Data based on one of six forms in 1989–90; N is one-sixth of N indicated in Table D-59. Data based on two of six forms beginning in 1991; N is two-sixths of N indicated in Table D-59.

SOURCE: The Monitoring the Future Study, the University of Michigan.

[a] Parental education is an average score of mother's education and father's education. See Appendix B for details.

[b] To derive percentages for each racial subgroup, data for the specified year *and* the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-58
Approximate Weighted Ns by Subgroups for Eighth and Tenth Graders

	8th Grade										10th Grade									
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Total	17,500	18,600	18,300	17,300	17,500	17,800	18,600	18,100	16,700	16,700	14,800	14,800	15,300	15,800	17,000	15,600	15,500	15,000	13,600	14,300
Gender:																				
Male	8,600	8,800	8,600	8,300	8,100	8,400	8,600	8,600	7,800	7,900	7,200	7,000	7,300	7,700	8,300	7,500	7,400	7,100	6,300	6,800
Female	8,600	9,300	9,200	8,600	8,700	8,800	9,300	8,900	8,400	8,300	7,400	7,400	7,800	7,900	8,400	7,800	7,800	7,700	7,000	7,200
College Plans:																				
None or under 4 yrs.	2,300	2,400	2,100	2,000	1,900	2,200	1,900	1,800	1,700	1,600	2,600	2,400	2,500	2,700	2,500	2,300	2,200	2,200	1,900	1,900
Complete 4 yrs.	14,600	15,400	15,400	14,700	14,800	14,800	15,800	15,600	14,500	14,500	11,900	12,000	12,400	12,800	14,200	13,000	13,000	12,500	11,500	12,100
Region:																				
Northeast	3,000	3,700	3,900	3,400	3,100	3,200	3,400	3,300	3,000	2,800	2,700	3,000	2,900	3,100	3,300	3,100	3,300	3,100	3,000	2,800
North Central	5,300	5,300	4,700	4,200	4,300	4,600	4,100	4,300	4,200	4,300	3,700	3,800	4,800	4,700	4,400	3,900	3,900	3,600	3,100	3,700
South	6,300	6,200	6,400	6,300	6,600	6,300	7,200	6,600	6,100	6,300	4,900	5,000	4,900	5,200	6,100	5,600	5,500	5,200	4,700	5,000
West	2,900	3,400	3,300	3,400	3,500	3,700	3,900	3,900	3,400	3,300	3,500	3,000	2,700	2,800	3,200	3,000	2,800	3,100	2,800	2,800
Population Density:																				
Large MSA	4,500	5,700	5,500	4,400	5,200	5,200	5,000	4,800	4,800	4,900	3,400	3,700	3,500	4,100	4,700	4,300	4,300	4,300	3,700	4,000
Other MSA	8,400	8,300	8,800	8,300	7,800	8,400	9,000	8,800	7,900	7,900	7,400	7,300	7,600	7,500	8,200	7,500	7,300	7,000	6,700	6,700
Non-MSA	4,600	4,600	4,000	4,600	4,500	4,200	4,600	4,500	4,000	3,900	4,000	3,800	4,200	4,200	4,100	3,800	3,900	3,700	3,200	3,600
Parental Education:																				
1.0-2.0 (Low)	1,400	1,700	1,700	1,600	1,500	1,500	1,500	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,200	1,100	1,300	1,300	1,100	1,200
2.5-3.0	4,400	4,600	4,500	4,100	3,900	4,300	4,000	3,900	3,800	3,700	3,900	3,900	4,100	4,100	4,100	3,600	3,700	3,700	3,200	3,200
3.5-4.0	4,100	4,300	4,300	4,200	4,000	4,100	4,300	4,100	3,800	3,900	3,900	3,900	4,100	4,300	4,600	4,300	4,100	4,000	3,600	3,700
4.5-5.0	4,100	4,100	4,100	3,900	3,900	3,900	4,500	4,500	4,000	3,900	3,500	3,400	3,500	3,700	4,000	3,900	3,700	3,500	3,300	3,500
5.5-6.0 (High)	2,200	2,300	2,300	2,200	2,300	2,200	2,600	2,700	2,200	2,200	1,800	1,700	1,700	1,800	2,300	1,900	1,900	1,800	1,700	1,900
Race (2-year average):[a]																				
White	—	21,900	22,000	20,900	19,800	20,200	21,400	21,300	19,800	18,900	—	19,600	20,700	22,000	22,900	22,400	20,900	19,800	18,400	18,200
Black	—	4,200	4,800	5,500	5,600	5,300	4,700	4,900	5,000	4,800	—	3,900	3,600	3,300	3,300	3,100	3,200	3,600	3,600	3,100
Hispanic	—	3,400	3,600	4,000	4,000	4,000	4,200	4,100	4,100	4,000	—	2,600	2,700	2,800	2,900	3,000	3,200	3,500	3,200	3,100

NOTES: '—' indicates data not available.
See Appendix B for definition of variables in table.
SOURCE: The Monitoring the Future Study, the University of Michigan.
CAUTION: The Ns in this table are based on the entire sample at each grade level. Some drug-use questions are asked only in some of the questionnaire forms rather than in all, in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. If there is no such indication, that means the entire sample received the question.

[a] Ns for each racial subgroup represent the combination of the specified year *and* the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE D-59
Approximate Weighted Ns by Subgroups for Twelfth Graders

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	Class of 1998	Class of 1999	Class of 2000
Total	9,400	15,400	17,100	17,800	15,500	15,900	17,500	17,700	16,300	15,900	16,000	15,200	16,300	16,300	16,700	15,200	15,000	15,800	16,300	15,400	15,400	14,300	15,400	15,200	13,600	12,800
Gender:																										
Male	4,300	6,900	7,100	8,500	7,500	7,500	8,400	8,500	7,800	7,600	7,600	7,100	7,700	7,700	8,000	7,700	7,400	7,400	7,500	6,900	7,200	6,700	7,100	7,100	6,300	5,800
Female	5,200	7,000	7,600	9,000	8,000	7,800	8,600	8,600	8,000	7,800	8,000	7,700	8,200	8,200	8,300	7,100	7,200	7,900	8,200	8,000	7,800	7,100	7,700	7,500	6,700	6,400
College Plans:																										
None or < 4 yrs.	—	6,500	6,700	8,100	6,800	6,300	6,700	7,200	6,300	5,900	5,600	5,100	5,000	4,700	4,800	4,200	4,000	3,700	3,700	3,400	3,300	2,600	3,200	3,100	2,800	2,600
Complete 4 yrs	—	6,800	7,200	8,600	8,000	8,500	9,700	9,200	8,800	8,900	9,300	9,100	10,300	10,600	11,000	10,100	10,300	11,200	11,600	11,100	11,200	10,800	11,000	11,100	10,200	9,300
Region:																										
Northeast	2,200	3,400	3,700	4,400	3,800	3,600	4,100	4,600	3,900	3,200	3,700	3,600	3,500	3,200	3,200	3,300	2,800	2,800	2,700	2,700	2,800	3,000	3,300	2,800	2,500	2,500
North	2,900	4,500	4,600	5,200	4,800	4,700	5,300	5,200	4,600	4,500	4,400	4,300	4,400	4,300	4,500	4,200	4,000	4,400	4,600	4,000	4,300	3,800	4,100	3,800	3,600	3,100
South	3,000	4,300	4,600	6,000	4,800	4,800	5,300	5,300	5,200	5,300	4,900	4,700	5,200	5,600	6,100	5,000	5,100	5,600	5,800	5,700	5,400	5,100	5,300	5,700	4,900	4,500
West	1,400	2,200	2,200	2,500	2,600	2,700	2,800	2,600	2,600	2,900	3,000	2,600	3,200	3,200	2,900	2,700	3,100	3,000	3,200	3,000	2,900	2,400	2,700	2,900	2,600	2,700
Population Density:																										
Large MSA	2,100	3,700	4,000	4,600	4,000	3,900	4,500	4,800	4,200	4,100	4,200	3,700	4,200	4,400	4,000	3,800	3,600	3,600	3,700	4,300	4,400	3,400	4,100	4,300	3,800	3,800
Other MSA	4,000	5,700	6,200	8,000	6,800	6,700	7,100	7,300	6,800	6,900	6,900	7,000	8,000	7,700	8,800	7,700	7,200	8,200	7,800	7,100	7,000	7,000	7,500	7,500	6,200	5,800
Non-MSA	3,400	5,000	4,900	5,500	5,200	5,200	5,900	5,600	5,300	4,900	4,900	4,500	4,100	4,200	3,900	3,700	4,200	4,000	4,800	4,000	4,000	3,900	3,800	3,400	3,600	3,200
Parental Education:																										
1.0-2.0 (Low)	1,700	2,200	2,600	3,100	2,500	2,300	2,400	2,700	2,200	1,900	1,800	1,800	1,700	1,600	1,700	1,600	1,500	1,400	1,600	1,400	1,200	1,100	1,300	1,200	960	860
2.5-3.0	3,000	4,300	5,400	6,200	5,600	5,300	5,800	5,900	5,500	5,100	5,100	4,600	4,500	4,500	4,600	4,300	4,100	4,100	4,300	3,700	3,700	3,300	3,600	3,700	3,200	3,000
3.5-4.0	1,600	2,500	3,200	4,000	3,600	3,600	4,200	4,200	3,900	4,000	4,000	3,800	4,300	4,400	4,500	4,100	4,200	4,600	4,500	4,300	4,400	3,800	4,100	4,300	3,900	3,600
4.5-5.0	1,100	1,600	2,200	2,800	2,600	2,700	3,100	2,900	2,800	2,900	3,000	2,900	3,400	3,500	3,500	3,100	3,100	3,400	3,600	3,500	3,700	3,500	3,500	3,300	3,200	3,100
5.5-6.0 (High)	440	710	1,100	1,200	1,200	1,300	1,500	1,300	1,200	1,400	1,500	1,500	1,800	1,900	1,700	1,600	1,500	1,700	1,700	1,800	1,800	2,100	2,100	2,000	1,800	1,600
Race (2-year average):*																										
White	—	—	23,400	26,500	27,500	25,600	26,300	27,300	26,200	24,700	24,200	23,600	23,800	24,200	24,000	23,400	21,900	21,500	22,000	21,800	21,600	20,700	19,800	20,200	19,500	17,700
Black	—	—	3,300	3,700	3,500	3,500	4,000	4,000	3,900	4,000	4,000	3,500	3,200	3,600	3,900	3,500	3,200	3,900	4,200	3,600	3,300	3,200	3,600	3,700	3,400	3,300
Hispanic	—	—	890	1,000	940	740	930	1,300	1,300	1,200	1,200	1,500	1,900	2,100	2,400	2,500	2,400	2,600	2,900	3,100	2,700	2,600	2,800	3,000	2,500	2,200

NOTES: '—' indicates data not available.
See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

CAUTION: The Ns in this table are based on the entire twelfth-grade sample. Some drug-use questions are asked only in some of the questionnaire forms rather than in a in which case these Ns need to be adjusted appropriately. Look under "Notes" in each table to see if only a fraction of the sample was asked about that drug. I there is no such indication, that means the entire sample received the question.

*Ns for each racial subgroup represent the combination of the specified year *and* the previous year. Data have been combined to increase subgroup sample sizes and thus provide more stable estimates.